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FACIL:50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
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ZIMMERMAN,S.R. Carolina Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
DENTON,H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards Vols 1 & 2 to "Seismic & Dynamic Qualification of Mechanical & Electrical Equipment,Master List," in response to 830202 request for addl info.List reflects qualification info as of 841231. SEE ROUTE 2 vols

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Vols 1 & 2

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Carolina Power & Light Company

FEB 11 1985

SERIAL: NLS-85-035

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NO. 1 - DOCKET NO. 50-400
SEISMIC AND DYNAMIC QUALIFICATION OF SAFETY-RELATED
EQUIPMENT - MASTER LIST

REFERENCE: Letter dated February 2, 1983 - G. W. Knighton to E. E. Utley. Subject: "Request for Additional Information for Seismic and Dynamic Qualification Review for Shearon Harris 1/2."

Dear Mr. Denton:

Carolina Power & Light Company hereby submits the seismic and dynamic qualification Master List. The list summarizes the qualification status of the safety-related equipment at Shearon Harris.

We have prepared this list following the format presented in the above referenced letter. The equipment has been sorted first by system then by component type, with the systems listed alphabetically.

The list reflects the qualification information as of December 31, 1984. Additional information will be incorporated as it becomes available.

We will notify the NRC when at least 85% of the safety-related equipment is qualified and installed, and will work with the NRC Project Manager to establish an audit schedule.

If you have any questions, please contact Mr. Pedro Salas at (919) 836-8015.

Yours very truly,

S. R. Zimmerman
Manager
Nuclear Licensing Section

PS/pgp (1097PSA)
Enclosure: Master List

cc: Mr. Goutam Bagchi (NRC-EQB)
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1/1

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITION	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N7(1-4B-SB)	VALVES GLOBE 1/2	3CX-V341S B-1-4 04940 952677-01	YARWAY YARWAY 5515B-SA 105	FH31 PIPE MTD 261.	435056 004 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N9(1B-SB)	VALVES GLOBE 1/2	3CX-V342S B-1 04941 952677-01	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 004 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N0(1B-SB)	VALVES GLOBE 1/2	3CX-V343S B-1 04942 952677-01	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 004 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1X-SB)	VALVES GLOBE 1/2	3CX-V344S B-1 04943 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 234.	435056 004 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N5(1X-SB)	VALVES GLOBE 1/2	3CX-V345S B-1 04944 952677-01	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 004 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N6(1B-SB)	VALVES GLOBE 1/2	3CX-V346S B-1 04945 952677-01	YARWAY YARWAY 5515B-SA 105	FH31 PIPE MTD 261.	435056 004 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V341SB-1-4 ----3CX-V348SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

8502200062

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N8(1B-SB)	VALVES GLOBE 1/2	3CX-V348S B-1 04934 952677-01	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216.	435056 104 M-34Y 50-34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N5(1B-SB)	VALVES GLOBE 2 1/2	3CX-V349S B-1 04861 FA-5477	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	AB52 PIPE MTD 305.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUMM 76ADD	A	D	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PA IFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1A-SA)	VALVES GATE 3	3CX-V35SA -1 04603 FA-5481	PACIFIC VLV PACIFIC VLV 150-7-WE-X	AB21 PIPE MTD 236	435022 002 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E2(1A-SA)&(	VALVES GLOBE 4	3CX-V350S B-1 04718 FA-5486	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB41 PIPE MTD 286.	435022 054 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-13(1A-SB)&(	VALVES GLOBE 4	3CX-V351S B-1 04722 FA-5486	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB41 PIPE MTD 286.	435022 054 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PA IFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N5(1B-SB)	VALVES GLOBE 2 1/2	3CX-V352S B-1 04735 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB52 PIPE MTD 305.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PA IFIC VALVE PROGRAM PVSAP

TAGS INCLUDED: 3CX-V348SB-1 ----3CX-V353SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPONENT	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SQRT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-16(1B-SB)	VALVES GLOBE 3	3CX-V353S B-1 04738 FA-5485	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB57 PIPE MTD 305.	435022 053 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PACIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-17(1-4B-SB)	VALVES GLOBE 2 1/2	3CX-V354S B-1-4 04731 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	FH31 PIPE MTD 261.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1 G VER	3 G HOR 2G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N9 (1B-SB)	VALVES GLOBE 2 1/2	3CX-V355S B-1 04637 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB31 PIPE MTD 261.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PA IFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-EC(1B-SB)	VALVES GLOBE 2 1/2	3CX-V356S B-1 04712 FA-5477	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	AB31 PIPE MTD 261.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N5(1X-SB)	VALVES GLOBE 2 1/2	3CX-V357S B-1 04715 952677-03	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N6(1B-SB)	VALVES GLOBE 2 1/2	3CX-V358S B-1 04645 952677-03	YARWAY YARWAY 5515B-SA 105	FH31 PIPE MTD 261.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V353SB-1 ----3CX-V36SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1A-SA)	VALVES GLOBE 3	3CX-V36SA -1 04604 FA-5485	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB21 PIPE MTD 236.	435022 053 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N9(1X-SB)	VALVES GLOBE 1	3CX-V36DS B-1 04727 952677-02	YARWAY YARWAY 5515B-SA 105	SW21 PIPE MTD 234.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N (1X-SB)	VALVES GLOBE 2 1/2	3CX-V361S B-1 04634 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB21 PIPE MTD 236.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PA IFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 FLOW ELEMENT O N LINE 3CXE0-168SA-1	VALVES GLOBE 3/4	3CX-V362S A-1 04946 952677-01	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 FLOW ELEM. ON LINE 3CXE0-168SA-1	VALVES GLOBE 3/4	3CX-V363S A-1 04947 952677-01	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR LINE 3CX10-172	VALVES GLOBE 3/4	3CX-V364S B-1 04948 952677-01	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3CX-V36SA-1 ----3CX-V365SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PC/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
ESS.SER.CHILLD WATER CX0145 FLOW ELEM. ON LINE 3CXE0-172SB-1	VALVES	3CX-V365S B-1 04949	YARWAY	AB31 PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
	GLOBE 3/4	952677-01	5515B-SA 105	261.																
ESS.SER.CHILLD WATER CX0145 ASS. WITH LINE 3CX10-172SB-1 N	VALVES	3CX-V366S B-1 04950	YARWAY	AB31 PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 1	952677-02	5515B-SA 105	261.																
ESS.SEP.CHILLD WATER CX0145 ON LINE 3CX10-172SB-1	VALVES	3CX-V367S B-1 04915	YARWAY	AB31 PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 1	952677-02	5515B-SA 105	261.																
ESS.SER.CHILLD WATER CX0145 ON LINE 3CX10-172SB-1	VALVES	3CX-V368S B-1 04916	YARWAY	AB31 PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 1	952677-02	5515B-SA 105	261.																
ESS.SER.CHILLD WATER CX0145 ON LINE 3CX10-68SB-1 N	VALVES	3CX-V369S B-1 04917	YARWAY	AB31 PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 1	952677-02	5515B-SA 105	261.																
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E(1A-SA)	VALVES	3CX-V37SA -1 04607	YARWAY	AB21 PIPE MTD	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
	GLOBE 3/4	952677-01	5515B-SA 105	236.																

TAGS INCLUDED: 3CX-V365SB-1 ----3CX-V38SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E(1A-SA)	VALVES GLOBE 3/4	3CX-V38SA -1 04606 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 105 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1A-SA)	VALVES GLOBE 1	3CX-V39SA -1 04609 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 106 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-28(1A-SA)	VALVES GLOBE 2 1/2	3CX-V4SA- 1 04561 FA-5477	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	AB11 PIPE MTD 215.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PACIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1A-SA)	VALVES GLOBE 1	3CX-V40SA -1 04608 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 106 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1A-SA)	VALVES GATE 2 1/2	3CX-V41SA -1 04610 FA-5484	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	AB21 PIPE MTD 236.	435022 050 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1A-SA)	VALVES GLOBE 2 1/2	3CX-V42SA -1 04611 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB21 PIPE MTD 236.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP

TAGS INCLUDED: 3CX-V38SA-1 ----3CX-V43SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1A-SA)	VALVES GLOBE 3/4	3CX-V43SA -1 04614 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1A-SA)	VALVES GLOBE 3/4	3CX-V44SA -1 04615 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1A-SA)	VALVES GLOBE 1	3CX-V45SA -1 04616 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR AH-E2(1A-SA)(1	VALVES GLOBE 1	3CX-V450S A-1 04951 952677-02	YARWAY YARWAY 5515B-SA 105	AB41 PIPE MTD 286.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR AH-N2 (1A-SA)	VALVES GLOBE 1	3CX-V451S B-1 04952 952677-02	YARWAY YARWAY 5515B-SA 105	AB41 PIPE MTD 286.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR AH-N3 (1A-SB)	VALVES GLOBE 1	3CX-V452S B-1 04953 952677-02	YARWAY YARWAY 5515B-SA 105	AB41 PIPE MTD 286.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V43SA-1 ----3CX-V453SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR AH-N3 (1A-SB)	VALVES GLOBE 1	3CX-V453S A-1 04954 952677-02	YARWAY YARWAY 5515B-SA 105	AB41 PIPE MTD 286.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 3CX6-187SA-1 N	VALVES GLOBE 1	3CX-V454S A-1 04955 952677-02	YARWAY YARWAY 5515B-SA 105	SW21 PIPE MTD 236	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR AH-E9 (1B-SB)	VALVES GLOBE 1	3CX-V455S B-1 04956 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR AH-N5 (1A-SA)	VALVES GLOBE 1	3CX-V457S A-1 04957 952677-02	YARWAY YARWAY 5515B-SA 105	AB52 PIPE MTD 305.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR 3CX4-78SB-1	VALVES GLOBE 1	3CX-V458S B-1 04958 952677-02	YARWAY YARWAY 5515B-SA 105	FH41 PIPE MTD 286.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR AH-N6 (1B-SB)	VALVES GLOBE 1	3CX-V459S B-1 04959 952677-02	YARWAY YARWAY 5515B-SA 105	AB52 PIPE MTD 305.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V453SA-1 ----3CX-V46SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO MANUFACT.	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SEP CX FOR MAIN ON 3CX4-1	VALVES GLOBE 1	3CX-V46SA -1 04617 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR 3CX4-78-SB-1	VALVES GLOBE 1	3CX-V461S B-1 04960 952677-02	YARWAY YARWAY 5515B-SA 105	FH21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR 3CXN1/2-181SB-	VALVES GLOBE 1	3CX-V469S B-1 04966 952677-02	YARWAY YARWAY 5515B-SA 105	FH31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1A-SA)	VALVES GATE 3	3CX-V47SA -1 04618 FA-5481	PACIFIC VLV PACIFIC VLV 150-7-WE-X	AB21 PIPE MTD 236	435022 002 M-32P 50-M32 P-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR 3CX11/2-80SB-1	VALVES GLOBE 1	3CX-V470S B-1 04967 952677-02	YARWAY YARWAY 5515B-SA 105	FH31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR 3CX11/4 -5C8SB-284	VALVES GLOBE 1	3CX-V476S B-1 04970 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 235.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V46SA-1 ----3CX-V477SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS														
			MODEL NO	ELEV	SORT #		Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR 3CX6-519SB-284	VALVES GLOBE 1	3CX-V477S B-1 04971 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR 3CX4-71SB-284	VALVES GLOBE 1	3CX-V478S B-1 04972 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR 3CX4-71SB-284	VALVES GLOBE 1	3CX-V479S B-1 04973 952677-02	YARWAY YARWAY 5515B-SA 105	AB PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1A-SA)	VALVES GLOBE 3	3CX-V48SA -1 04619 FA-5485	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB21 PIPE MTD 236.	435022 053 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR 3CX4-81SA-284	VALVES GLOBE 1	3CX-V480S A-1 04974 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR 3CX8-201SA-284	VALVES GLOBE 1	3CX-V481S A-1 04975 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V477SB-1 ----3CX-V482SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR 3CX4-136SA-284	VALVES	3CX-V482S A-1 04976	YARWAY	AB21 PIPE MTD	435056 006 M-34Y	ASME SECT III	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 1	952677-02	5515B-SA 105	236.	50-M34 Y-20	74ED WINTR 76ADD														
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR 3CX4-194SA-284	VALVES	3CX-V483S A-1 04977	YARWAY	AB21 PIPE MTD	435056 006 M-34Y	ASME SECT III	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 1	952677-02	5515B-SA 105	236.	50-M34 Y-20	74ED WINTR 76ADD														
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR 3CXN-200SA-183	VALVES	3CX-V484S A-1 04978	YARWAY	AB31 PIPE MTD	435056 006 M-34Y	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 1	0952677-0	5515B-SA 105	261.	50-M34 Y-20	74ED WINTR 76ADD														
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR 3CXN1/2-193SA-	VALVES	3CX-V485S A-1 04979	YARWAY	AB52 PIPE MTD	435056 006 M-34Y	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 1	952677-02	5515B-SA 105	305.	50-M34 Y-20	74ED WINTR 76ADD														
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR 3CXN1/2-191SA-	VALVES	3CX-V486S A-1 04980	YARWAY	AB52 PIPE MTD	435056 006 M-34Y	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 1	952677-02	5515B-SA 105	305.	50-M34 Y-20	74ED WINTR 76ADD														
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR 3CXE-79SB	VALVES	3CX-V488S B-1 04982	YARWAY	AB31 PIPE MTD	435056 006 M-34Y	ASME SECT III	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
	GLOBE 1	952677-02	5515B-SA 105	261.	50-M34 Y-20	74ED WINTR 76ADD														

TAGS INCLUDED: 3CX-V482SA-1 ----3CX-V49SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1A-SA)	VALVES GLOBE 3/4	3CX-V49SA -1 04622 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME, SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CX FOR DRAIN ON 3CX21	VALVES GLOBE 1	3CX-V490S A-1 04984 952677-02	YARWAY YARWAY 5515B-SA 102	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CX FOR VENT ON 3CX 11	VALVES GLOBE 1	3CX-V491S A-1 04985 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 EDUCTOR 2CT-X2 SA-1 BYPASS	VALVES GLOBE 1	3CX-V492S A-1 04551 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 EDUCTOR 2CT-X2 SA-1 BYPASS	VALVES GLOBE 1	3CX-V493S A-1 04552 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 EDUCTOR 2CT-X2 SA-1 BYPASS	VALVES GLOBE 1	3CX-V494S B-1 04553 -52677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V49SA-1 ----3CX-V495SB-1
SORT TYPE:SYSDES,FQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES STDS	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC			OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q I												
ESS.SER.CHILLD WATER CX0145 EDUCTOR 2CT-X2 SA-1 BYPASS	VALVES GLOBE 1	3CX-V495S B-1 04554 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N2 (1B-SB)	VALVES GLOBE 1 1/2	3CX-V498S B-1 04986 952677-03	YARWAY YARWAY 5515B-SA 105	FH41 PIPE MTD 286.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -93N(2X-SB)	VALVES GLOBE 1 1/2	3CX-V499S B-1 04990 952677-03	YARWAY YARWAY 5515B-SA 105	AB51 PIPE MTD 305.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-5(1B-SB)	VALVES GATE 2 1/2	3CX-V5SB-1 04564 FA-5484	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	AB01 PIPE MTD 190.	435022 050 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PACIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1A-SA)	VALVES GLOBE 3/4	3CX-V50SA -1 04621 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 234.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR AH-92 N1A-SA)	VALVES GLOBE 1 1/2	3CX-V50DS A-1 04994 952677-03	YARWAY YARWAY 5515B-SA 105	FH41 PIPE MTD 284.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V495SB-1 ----3CX-V501SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N3 (1X-SA)	VALVES GLOBE 1 1/2	3CX-V501S A-1 04998 952677-03	YARWAY YARWAY 5515B-SA 105	AB51 PIPE MTD 305.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N2 (1B-SB)	VALVES GLOBE 1 1/2	3CX-V502S B-1 04987 952677-03	YARWAY 5515B-SA 105	FH41 PIPE MTD 286.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -93N(2X-SB)	VALVES GLOBE 1 1/2	3CX-V503S B-1 04991 952677-03	YARWAY 5515B-SA 105	AB51 PIPE MTD 305.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR AH-92 N1A-SA)	VALVES GLOBE 1 1/2	3CX-V504S A-1 04995 952677-03	YARWAY 5515B-SA 105	FH41 PIPE MTD 286.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N3 (1X-SA)	VALVES GLOBE 1 1/2	3CX-V505S A-1 04999 952677-03	YARWAY 5515B-SA 105	AB51 PIPE MTD 305.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N2 (1B-SB)	VALVES GLOBE 1 1/2	3CX-V506S B-1 04988 952677-03	YARWAY 5515B-SA 105	FH41 PIPE MTD 286.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V501SA-1 ----3CX-V507SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	RO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -93N(2X-SB)	VALVES GLOBE 1 1/2	3CX-V507S B-1 04992 952677-03	YARWAY YARWAY 5515B-SA 105	AB51 PIPE MTD 305.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR AH-92 N1A-SA)	VALVES GLOBE 1 1/2	3CX-V508S A-1 04996 952677-03	YARWAY YARWAY 55A5B-SA 105	FH41 PIPE MTD 286.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N3 (1X-SA)	VALVES GLOBE 1 1/2	3CX-V509S A-1 05000 952677-03	YARWAY YARWAY 5515B-SA 105	AB51 PIPE MTD 305.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1A-SA)	VALVES GLOBE 1	3CX-V51SA -1 04624 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 234.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N2 (1B-SB)	VALVES GLOBE 1/2	3CX-V510S B-1 05001 952677-01	YARWAY YARWAY 5515B-SA 105	FH41 PIPE MTD 286.	435056 004 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N3 (2X-SB)	VALVES GLOBE 1/2	3CX-V511S B-1 05002 952677-01	YARWAY YARWAY 5515B-SA 105	AB51 PIPE MTD 305.	435056 004 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V507SB-1 ----3CX-V512SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N2 (1A-SA)	VALVES GLOBE 1/2	3CX-V512S A-1 05003 952677-01	YARWAY YARWAY 5515B-SA 105	FH41 PIPE MTD 286.	435056 004 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N3 (1X-SA)	VALVES GLOBE 1/2	3CX-V513S A-1 05004 952677-01	YARWAY YARWAY 5515B-SA 105	AB51 PIPE MTD 305.	435056 004 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N2 (1B-SB)	VALVES GLOBE 3/4	3CX-V514S B-1 05005 952677-01	YARWAY YARWAY 5515B-SA 105	FH41 PIPE MTD 286.	435056 005 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N2 (1B-SB)	VALVES GLOBE 3/4	3CX-V515S B-1 05006 952677-01	YARWAY YARWAY 5515B-SA 105	FH41 PIPE MTD 286.	435056 005 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N3 (2X-SB)	VALVES GLOBE 3/4	3CX-V516S B-1 05007 952677-01	YARWAY YARWAY 5515B-SA 105	AB51 PIPE MTD 305.	435056 005 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR AH -- 93(NX-SB)	VALVES GLOBE 3/4	3CX-V517S B-1 05008 952677-01	YARWAY YARWAY 5515B-SA 105	AB51 PIPE MTD 305.	435056 005 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V512SA-1 ----3CX-V518SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR AH -- 92 N1A-SA)	VALVES	3CX-V518S A-1 05009	YARWAY	FH41 PIPE	435056 305	ASME SECT	A	D	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 3/4	952677-01	YARWAY 5515B-SA 105	MTD 286.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR AH -- 92 N1A-SA)	VALVES	3CX-V519S A-1 05010	YARWAY	FH41 PIPE	435056 305	ASME SECT	A	D	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 3/4	952677-01	YARWAY 5515B-SA 105	MTD 286.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E(1A-SA)	VALVES	3CX-V52SA -1 04623	YARWAY	AB21 PIPE	435056 305	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
	GLOBE 1	952677-02	YARWAY 5515B-SA 105	MTD 234.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CH FOR AH -- 93 N1X-SA)	VALVES	3CX-V520S A-1 05011	YARWAY	AB51 PIPE	435056 305	ASME SECT	A	D	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 3/4	952677-01	YARWAY 5515B-SA 105	MTD 305.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERV ICE CH FOR -- AH-N3 (1X-SA)	VALVES	3CX-V521S A-1 05012	YARWAY	AB51 PIPE	435056 305	ASME SECT	A	D	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 3/4	952677-01	YARWAY 5515B-SA 105	MTD 305.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR TEMP CONN TO A	VALVES	3CX-V522S B-1 04742	BLAKE EQUIPMENT	AB52 PIPE	435022 100	ASME SECT	A		1.5G HOR	3 G HOR	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
	GLOBE 2 1/2	FA-5477	PACIFIC VIV.	MTD 307.	M-32P 50-M33 P-20	III 74ED SUM 76ADD			1G VERT	2G VER										

TAGS INCLUDED: 3CX-V518SA-1 ----3CX-V523SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145	VALVES	3CX-V523S A-1 04756	PACIFIC VLV. PACIFIC	AB52 PIPE MTD	435022 052 M-33P	ASME SECT III	A	D	1.5G HOR 1 G	3 G HOR 2 G	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PA IFIC
	GLOBE 2 1/2	FA-5477	VLV. 160-7-WE-X	305.	50-M33 P-20	74ED SUM			VER	VER										VALVE PROGRAM
N						76ADD														PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-15(1B-SB)	VALVES	3CX-V524S B-1 04873	YARWAY	AB21 PIPE MTD	435056 005 M-34Y	ASME SECT III	A		1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 3/4	952677-01	YARWAY 5515B-SA 105	236.	50-M34 Y-20	74ED WINTR 76ADD			VERT	VER										
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1B-SB)	VALVES	3CX-V53SB -1 04639	PACIFIC VLV PACIFIC	AB21 PIPE MTD	435022 002 M-32P	ASME SECT III	A	B	1.5G HOR 1G	3 G HOR 2G	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	COMPUTER ANAL USIN G PARIFIC VALVE
	GATE 3	FA-5484	VLV 150-7-WE-X	236	50-M32 P-20	71ED SUM 72ADD			VER	VER										PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1B-SB)	VALVES	3CX-V54SB -1 04640	PACIFIC VLV. PACIFIC	AB21 PIPE MTD	435022 053 M-33P	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC
	GLOBE 3	FA-5485	VLV. 160-7-WE-X	236.	50-M33 P-20	74ED SUMM 76ADD			VER	VER										VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1B-SB)	VALVES	3CX-V55SB -1 04649	YARWAY	AB21 PIPE MTD	435056 005 M-34Y	ASME SECT III	A	D	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 3/4	952677-01	YARWAY 5515B-SA 105	236.	50-M34 Y-20	74ED WINTP 76ADD			VERT	VER										
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1B-SB)	VALVES	3CX-V56SB -1 04648	YARWAY	AB21 PIPE MTD	435056 005 M-34Y	ASME SECT III	A	D	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 3/4	952677-01	YARWAY 5515B-SA 105	236.	50-M34 Y-20	74ED WINTR 76ADD			VERT	VER										

TAGS INCLUDED: 3CX-V523SA-1 ----3CX-V57SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- D 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS		OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E(1B-SB)	VALVES GLOBE 1	3CX-V57SB -1 04651 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E(1B-SB)	VALVES GLOBE 1	3CX-V58SB -1 04650 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N1(1B-SB)	VALVES GLOBE 3/4	3CX-V59SB -1 04657 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-S(1B-SB)	VALVES GLOBE 2 1/2	3CX-V6SB-1 04565 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB01 PIPE MTDD 190.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PACIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N1(1B-SB)	VALVES GLOBE 3/4	3CX-V60SB -1 04658 952667-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR DRAWN ON 3CX21	VALVES GLOBE 1	3CX-V61SB -1 04655 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V57SB-1 ----3CX-V62SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR VENN ON 3CX3-7	VALVES GLOBE 1	3CX-V62SB -1 04656 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 236	435156 106 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E1(1B-SB)	VALVES GLOBE 2 1/2	3CX-V63SB -1 04652 REPORT NO.3030	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB21 VLV MTD 239.	435174 153 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-M1(1B-SB)	VALVES SOLENOID VALVE	3CX-V63SB -1 09501 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB21 VLV MTD 239.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-M1(1B-SB)	VALVES LIMIT SWITCH	3CX-V63SB -1 09502 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB21 VLV MTD 239.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CH0063 ESSENTIAL SER CX FOR AH-M1 (1B-SB)	VALVES LIMIT SWITCH (2 OF 2)	3CX-V63SB -1 11850	NAMCO EA-180-113 02	AB21 239.				C												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E1(1B-SB)	VALVES GLOBE 2 1/2	3CX-V64SB -1 04653 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB21 PIPE MTD 236.	435022 152 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP

TAGS INCLUDED: 3CX-V62SB-1 ----3CX-V65SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1B-SB)	VALVES GATE 2 1/2	3CX-V65SB -1 04659	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	AB21 PIPE MTD 236.	435022 050 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1B-SB)	VALVES GLOBE 2 1/2	3CX-V66SB -1 04660 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB21 PIPE MTD 236.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E(1B-SB)	VALVES GLOBE 3/4	3CX-V67SB -1 04672 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E(1B-SB)	VALVES GLOBE 3/4	3CX-V68SB -1 04671 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E(1B-SB)	VALVES GLOBE 1	3CX-V69SB -1 04674 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-2B(1B-SB)	VALVES GATE 2 1/2	3CX-V7SB- 1 04569 FA-5484	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	AB11 PIPE MTD 216.	435022 050 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PACIFIC VALVE PROGRAM PVSAP

TAGS INCLUDED: 3CX-V65SB-1 ----3CX-V70SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQPT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR DRANN ON 3CX21	VALVES GLOBE 1	3CX-V70SB -1 04673 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1B-SB)	VALVES GLOBE 3/4	3CX-V71SB -1 04676 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N(1B-SB)	VALVES GLOBE 3/4	3CX-V72SB -1 04675 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E(1B-SB)	VALVES GLOBE 1	3CX-V73SB -1 04678 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E(1B-SB)	VALVES GLOBE 1	3CX-V74SB -1 04677 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SEP CX FOR AH-E (1B-SB)	VALVES GATE 3	3CX-V75SB -1 04627 FA-5481	PACIFIC VLV PACIFIC VLV 150-7-WE-X	AB21 PIPE MTD 236	435022 002 M-32P 50-M32 P-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1G VER	3 G HOR 2G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP

TAGS INCLUDED: 3CX-V70SB-1 ----3CX-V76SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1B-SB)	VALVES	3CX-V76SB -1 04628 FA-5485	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB21 PIPE MTD 236.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-EO(1B-SB)	VALVES	3CX-V77SB -1 04667 FA-5484	PACIFIC	AB21 PIPE MTD 236.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-EO(1B-SB)	VALVES	3CX-V78SB -1 04668 FA-5477	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	AB21 PIPE MTD 236.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-NO(1B-SB)	VALVES	3CX-V79SB -1 04664 952677-01	YARWAY YARWAY 5515B-SA 105	AB52 PIPE MTD 305.	435056 005 M-34Y 50-M34 Y-21	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-28(1B-SB)	VALVES	3CX-V8SB-1 04569 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	AB11 PIPE MTD 215.	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PACIFIC VALVE PROGRAM PVSAP
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-NO(1B-SB)	VALVES	3CX-V80SB -1 04666 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 005 M-34Y 50-M34 Y-21	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V76SB-1 ----3CX-V31SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA ORE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST PEP#	MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E0(1B-SB)	VALVES GLOBE 1	3CX-V81SB -1 04663 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435156 006 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER. CX FOR AH-N1 (1A-SA)	VALVES GLOBE 2 1/2	3CX-V83SA -1 04592 REPORT NO.3030	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB21 VLV MTD 240.	435176 153 M-66H 50-466 H-20	ASME SECT III 77ED WINTR 77ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N1 (1A-SA)	VALVES SOLENOID VALVE	3CX-V83SA -1 09503 AOR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB21 VLV MTD 240.	435176 < M-66H 50-466 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N1 (1A-SA)	VALVES LIMIT SWITCH	3CX-V83SA -1 09504 GTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB21 VLV MTD 240.	435176 < M-66H 50-466 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CH0063 ESSENTIAL SER CX FOR AH-N1 (1A-SA)	VALVES LIMIT SWITCH (2 OF 2)	3CX-V83SA -1 11849	NAMCO EA-180-113 C2	AB21 240.				D												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E1 (1A-SA)	VALVES GLOBE 2 1/2	3CX-V84SA -1 04593 FA-5477	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	AB21 PIPE MTD 236.	435022 052 M-33P 50-433 P-21	ASME SECT III 74ED	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PACIFIC VALVE PROGRAM PVSAP

TAGS INCLUDED: 3CX-V81SB-1 ----3CX-V85SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SOPT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR CHEE. ADD. TAN	VALVES GLOBE 2	3CX-V85SA-1 04690 952677-04	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 008 M-34Y 50-M34 -20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR PREESURE GUAGE	VALVES GLOBE 1	3CX-V86SA-1 04689 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR PREESURE GUAGE	VALVES GLOBE 1	3CX-V87SA-1 04688 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR EXPN TANK	VALVES GLOBE 1	3CX-V88SA-1 04685 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR EXPN TANK	VALVES GLOBE 1	3CX-V89SA-1 04683 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-5 (1B-SB)	VALVES GLOBE 3/4	3CX-V9SA-1 04574 952677-01	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V85SA-1 ----3CX-V90SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR EXPN TANK	VALVES GLOBE 1	3CX-V90SA -1 04684 95267-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR EXPN TANK	VALVES GLOBE 1 1/2	3CX-V91SA -1 04682 952677-03	YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR EXPN TANK	VALVES GLOBE 1 1/2	3CX-V93SA -1 04681 952677-03	YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CH0063 ESSENTIAL SER CX FOR PREESURE GAUGE	VALVES GLOBE 1	3CX-V95SB -1 04699 952677-02	YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		438 HZ			NA	R
ESS.SER.CHILLD WATER CH0063 ESSENTIAL SER CX FOR PREESURE GAUGE	VALVES GLOBE 1	3CX-V96SB -1 04700 952677-02	YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5 HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR CHEM. ADD. TAN	VALVES GLOBE 2	3CX-V98SB -1 04701 952677-04	YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 008 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3CX-V90SA-1 ----3CX-V99SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR EXPN TANK	VALVES GLOBE 2 1/2 /2	3CX-V99SB -1 04692 952677-03	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435156 1007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-5(1A-SA)	VALVES THREE-WAY 2 1/2	3CX-W1SA- 1 04559 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB01 VLV MTD 192.	435176 164 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145	VALVES SOLENOID VALVE	3CX-W1SA- 1 09505 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB01 VLV MTD 192.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145	VALVES THREE-WAY 3	3CX-W10SB -1 04641 REPORT NO.2910	ITT HAMMEL DAHL ITT HAMMEL DAHL V830L6C82J AA9	AB21 PIPE MTD 240.	435176 167 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 < M	VALVES SOLENOID VALVE	3CX-W10SB -1 09507 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB21 VLV MTD 240.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1B-SB)	VALVES THREE-WAY 2 1/2	3CX-W12SB -1 04662 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB21 VLV MTD 240.	435176 183 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP RV COMPUTER PROGRAM

TAGS INCLUDED: 3CX-V99SB-1 ----3CX-W12SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145	VALVES	3CX-W12SB -1 09509	ITT HAMMEL DAHL ASCO	AB32 VLV MTD	435176 < M-66H	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	AQR-67368	NP8320A175 E	260.	50-M66 H-20															
M																				
ESS.SER.CHILLD WATER CX0145	VALVES	3CX-W12SB -1 09510	ITT HAMMEL DAHL NAMCO	AB32 VLV MTD	435176 < M-66H	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
	LIMIT SWITCH	QTR-105	EA-180	260.	50-M66 H-20															
N																				
ESS.SER.CHILLD WATER CX0145	VALVES	3CX-W13SB -1 04670	ITT HAMMEL DAHL ITT HAMMEL DAHL	AB21 PIPE MTD	435176 183 M-66H	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP RV COMPUTER PROGRAM
	THREE-WAY 2 1/2	REPORT NO.2961	V830KGC82J AA9	240.	50-M66 H-20	77ED WINTR 77ADD														
E																				
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E0(1B-SB)	VALVES	3CX-W13SB -1 09511	ITT HAMMEL DAHL ASCO	AB21 VLV MTD	435176 < M-66H	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
	SOLENOID VALVE	AQR-67368	NP8320A175 F	240.	50-M66 H-20															
ESS.SER.CHILLD WATER CX0145	VALVES	3CX-W13SB -1 09512	ITT HAMMEL DAHL NAMCO	AB21 VLV MTD	435176 < M-66H	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
	LIMIT SWITCH	QTR-105	EA-180	240.	50-M66 H-20															
M																				
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E (1B-SB)	VALVES	3CX-W14SB -1 04629	ITT HAMMEL DAHL ITT HAMMEL DAHL	AB21 VLV MTD	435176 167 M-66H	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP RV COMPUTER PROGRAM
	THREE-WAY 3	REPORT NO.2910	NP8320A175	240.	50-M66 H-20	77ED WINTR 77ADD														

TAGS INCLUDED: 3CX-W12SB-1 ----3CX-W14SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145	VALVES	3CX-W14SB -1 09513	ITT HAMMEL DAHL ASCO	AB21 VLV MTD	435176 < M-66H 50-M66	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
M	SOLENOID VALVE	AQR-67368	NP8320A175	240.	H-20															
ESS.SER.CHILLD WATER CX0145 SW GEAR RM A S PLY TEMP CNTL I/PMAV6634S	VALVES TRANSDUC ER	3CX-W15SA -1 01501	ITT HAMMEL DAHL ROBERTSHAW CONTROLS 443-B1	VLV MTD	435176 170 M-66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED W/VALVE ASSE BLY
ESS.SER.CHILLD WATER CX0145 VENDOR SUPPLIE D REDUCER 2 1M2 X 4	VALVES THREE-WA Y 2 1/2	3CX-W15SA -1 04750 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL V830KGC82J AA9	AB21 PIPE MTD	435176 170 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CY FOR AH-M2(1A-SA)&(	VALVES SOLENOID VALVE	3CX-W15SA -1 09515 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB21 VLV MTD	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 SSENTIAL SER < CX FOR AH-12 (1A-SA)&	VALVES LIMIT SWITCH	3CX-W15SA -1 09516 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB41 VLV MTD	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-13(1A-SB)&(	VALVES THREE-WA Y 3	3CX-W16SA -1 04746 REPORT NO.2910	ITT HAMMEL DAHL NP8320A175 E	AB41 VLV MTD	435176 169 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM

TAGS INCLUDED: 3CX-W14SB-1 ----3CX-W16SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #															
ESS.SER.CHILLD WATER CX0145 VENDOR SUPPLIED REDUCER 3 X 4	VALVES SOLENOID VALVE	3CX-W16SA -1 09517 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB41 VLV MTD 286.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 VENDOR SUPPLIED REDUCER 1 1N2 X 2 1/2	VALVES THREE-WAY 1 1/2	3CX-W17SA -1 04763 REPORT NO.3703	ITT HAMMEL DAHL ITT HAMMEL DAHL V830HGCZ2J AA9	AB52 PIPE MTD 305.	435176 163 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 SSENTIAL SER < CX FOR AH-15 (1A-SA)	VALVES HYDRA MOTOR OPERATOR	3CX-W17SA -1 09519 REPORT NO 721.77095	ITT HAMMEL DAHL ITT GENERAL CONTROL NH92K4002F	AB52 VLV MTD 305.	435176 < M-66H 50-M66 H-20	IEEE 344-75					X								N/A	
ESS.SER.CHILLD WATER CHOC63 ESSENTIAL SER CX FOR AH-15 (1ANSA)	VALVES LIMIT SWITCH (2 OF 2)	3CX-W17SA -1 11880 AQS21678/ TR REV A	ITT HAMMEL DAHL/CONOLATER	AB52 305.		IEEE 344-75,323 -74,382-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 COOL COIL AH16 CHILWTR CONT VALNE	VALVES TRANSDUCER	3CX-W18SA -1 01468	ITT HAMMEL DAHL ROBERTSHAW CONTROLS 443-B1	AB52 VLV MTD 308.	435176 168 M66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED W/VALVE ASSE BLY
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-N6 (1A-SA)	VALVES THREE-WAY 1 1/2	3CX-W18SA -1 04759 REPORT NO.3024	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB52 VLV MTD 305.	435176 168 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM

TAGS INCLUDED: 3CX-W16SA-1 ----3CX-W18SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
ESS.SER.CHILLD WATER CX0145 VENDOR SUPPLIED REDUCER 1 1N2 X 3	VALVES SOLENOID VALVE	3CX-W18SA -1 09521 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB52 VLV MTD 305.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 FHB AH-17 SA SPENT FUEL POOL PMP AREA TEMP	VALVES TRANSDUCER	3CX-W19SA -1 01257	ITT HAMMEL DAHL ROBERTSHAW CONTROLS 443-B1	FH31 VLV MTD 269.	435176 165 M66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED W/VALVE ASSEMBLY
ESS.SER.CHILLD WATER CX0145 COMMON TO UNITS 1-4	VALVES THREE-WAY 2 1/2	3CX-W19SA -1-4 04768 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL V830KGC82J AA9	FH31 PIPE MTD 261.	435176 165 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 COMMON TO UNITS 1-4	VALVES SOLENOID VALVE	3CX-W19SA -1-4 09523 AQR-67368	ITT HAMMEL DAHL ASCO NP832GA175 E	FH31 VLV MTD 261.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 COMMON TO UNITS 1-4	VALVES LIMIT SWITCH	3CX-W19SA -1-4 09524	ITT HAMMEL DAHL NAMCO EA-180	FH31 VLV MTD 261.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-28(1A-SA)	VALVES THREE-WAY 2 1/2	3CX-W2SA- 1 04563 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB11 VLV MTD 218.	435176 165 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM

TAGS INCLUDED: 3CX-W18SA-1 ----3CX-W2SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- D 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145 VENDOR SUPPLIED REDUCER 1 1N2 X 3	VALVES SOLENOID VALVE	3CX-W18SA-1 09521 AGR-67368	ITT HAMMEL DAHL ASCO NP8320A175E	AB52 VLV MTD 305.	435174 < M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 FHB AH-17 SA SPENT FUEL POOL PMP AREA TEMP	VALVES TRANSDUCER	3CX-W19SA-1 01257	ITT HAMMEL DAHL ROBERTSHAW CONTROLS 443-B1	FH31 VLV MTD 269.	435176 165 M66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED W/VALVE ASSEMBLY
ESS.SER.CHILLD WATER CX0145 COMMON TO UNITS 1-4	VALVES THREE-WAY 2 1/2	3CX-W19SA-1-4 04768 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL V830KGC82JAA9	FH31 PIPE MTD 261.	435176 165 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 COMMON TO UNITS 1-4	VALVES SOLENOID VALVE	3CX-W19SA-1-4 09523 AGR-67368	ITT HAMMEL DAHL ASCO NP8320A175E	FH31 VLV MTD 261.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 COMMON TO UNITS 1-4	VALVES LIMIT SWITCH	3CX-W19SA-1-4 09524	ITT HAMMEL DAHL NAMCO EA-180	FH31 VLV MTD 261.	435174 < M-66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-28(1A-SA)	VALVES THREE-WAY 2 1/2	3CX-W2SA-1 04563 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175E	AB11 VLV MTD 218.	435176 165 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM

TAGS INCLUDED: 3CX-W18SA-1 ----3CX-W2SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- D 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145	VALVES	3CX-W2SA-1	ITT HAMMEL DAHL	AB11 VLV	435176 <	IEEE 344-	A		1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
		09525	ASCO	MTD	M-66H	75			1G	2G										
	SOLENOID	AQR-67368			50-M66				VERT	VERT										
	VALVE		NP8320A175	218.	H-20															
ESS.SER.CHILLD WATER CX0145	VALVES	3CX-W20SA-1	ITT HAMMEL DAHL	AB31 PIPE	435176 164	ASME SECT	A		1.5G HOR	3G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
		04778	ITT HAMMEL	MTD	M-66H	III			1G	2G										
	THREE-WA	REPORT	DAHL		50-M66	77ED			VERT	VERT										
	Y 2 1/2	NO.2961	V830KGC82J	263.	H-20	WINTR														
			AA9			77ADD														
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-19(1A-SA)	VALVES	3CX-W20SA-1	ITT HAMMEL DAHL	AB31 VLV	435176 <	IEEE 344-	A		1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
		09527	ASCO	MTD	M-66H	75			1G	2G										
	SOLENOID	AQR-67368			50-M66				VERT	VERT										
	VALVE		NP8320A175	263.	H-20															
			E																	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-MD(1A-SA)	VALVES	3CX-W21SA-1	ITT HAMMEL DAHL	AB31 VLV	435176 164	ASME SECT	A	C	1.5G HOR	3G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
		04782	ITT HAMMEL	MTD	M-66H	III			1G	2G										
	THREE-WA	REPORT	DAHL		50-M66	77ED			VERT	VERT										
	Y 2 1/2	NO.2961	NP8320A175	263.	H-20	WINTR														
			E			77ADD														
ESS.SER.CHILLD WATER CX0145	VALVES	3CX-W21SA-1	ITT HAMMEL DAHL	AB01 VLV	435176 <	IEEE 344-	A	C	1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
		09529	ASCO	MTD	M-66H	75			1G	2G										
	SOLENOID	AQR-67368			50-M66				VERT	VERT										
	VALVE		NP8320A175	192.	H-20															
			E																	
ESS.SER.CHILLD WATER CX0145 SW GEAR RM A SPLY TEMP CNTL I/P1AV6633S	VALVES	3CX-W22SB-1	ITT HAMMEL DAHL	VLV	435176 170	IEEE 344-	A		1.5G HOR	3G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED W/VALVE ASSEMBLY
		01494	ROBERTSHAW CONTROLS	MTD	M66H	75			1G	2G										
	TRANSDUCER		443-B1		50-M66				VERT	VERT										
					H-20															

TAGS INCLUDED: 3CX-W2SA-1 ----3CX-W22SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145 VENDOR SUPPLIE D REDUCER 2 1E2 X 4	VALVES THREE-WA Y 2 1/2	3CX-W22SB -1 04719 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL V830KGC82J AA9	AB41 PIPE MTD 286.	435176 170 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP RV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 SSENTIAL SER < CX FOR AH-12 (1AESA)&	VALVES SOLENOID VALVE	3CX-W22SB -1 09531 AQR-67368	ITT HAMMEL DAHL ASCO NP832DA175 E	AB41 VLV MTD 286.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 SW GEAR B AC P ECIRCWC2 1B-SB I/PEAV6643S	VALVES TRANSDUC ER	3CX-W23SB -1 01511 REPORT NO.2910	ITT HAMMEL DAHL ROBERTSHAW CONTROLS 443-B1	VLV MTD	435176 169 M66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED W/VALVE ASSERBLY
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-13(1A-SB)&(	VALVES THREE-WA Y 3	3CX-W23SB -1 04723 REPORT NO.2910	ITT HAMMEL DAHL ITT HAMMEL DAHL NP832DA175	AB41 VLV MTD 286.	435176 169 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 VENDOR SUPPLIE D REDUCER 3 XE4	VALVES SOLENOID VALVE	3CX-W23SB -1 09533 AQR-67368	ITT HAMMEL DAHL ASCO NP832DA175	AB41 VLV MTD 286.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
ESS.SER.CHILLD WATER CX0145 VENDOR SUPPLIE D REDUCER 1 1N2 X 2 1/2	VALVES THREE-WA Y 1 1/2	3CX-W24SB -1 04736 REPORT NO.3703	ITT HAMMEL DAHL ITT HAMMEL DAHL V830HGCZ2J AA9	AB52 PIPE MTD 305.	435176 163 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM

TAGS INCLUDED: 3CX-W22SB-1 ----3CX-W24SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SOPT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	LOAD INPUT ZPA SSE	LOAD INPUT SEI-SMIC	LOAD INPUT OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	QUALIFICATION METHOD TEST FREQ	QUALIFICATION METHOD TEST DIR	LOWEST NATURAL FREQUENCY F/B	LOWEST NATURAL FREQUENCY S/S	LOWEST NATURAL FREQUENCY V	FLOOR RESP. SPECTR	REMARKS
ESS.SER.CHILLD WATER CX0145 SSENTIAL SER CX FOR AH-15 (1B-SB)	VALVES / HYDRA MOTOR OPERATOR	3CX-W24SB -1 09535 / REPORT NO 721.77095	ITT HAMMEL DAHL / ITT GENERAL CONTROL / NH91K4002F	AB52 VLV MTD / 305.	435176 < M-66H 50-M66 H-20	IEEE 344-75													NA	
ESS.SER.CHILLD WATER CH0063 ESSENTIAL SER CX FOR AH-15 (1BNSB)	VALVES / LIMIT SWITCH (2 OF 2)	3CX-W24SB -1 11881	ITT HAMMEL DAHL/CONO LATER	AB52 / 305.				D												
ESS.SER.CHILLD WATER CX0145 COOL COIL AH16 CHILWTR CONT VALNE	VALVES / TRANSDUCER	3CX-W25SB -1 01469	ITT HAMMEL DAHL / ROBERTSHAW CONTROLS / 443-B1	AB52 VLV MTD / 305.	435176 168 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED W/VALVE ASSE BLY
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-16(1B-SB)	VALVES / THREE-WAY 1 1/2	3CX-W25SB -1 04739 / REPORT NO.3024	ITT HAMMEL DAHL / ITT HAMMEL DAHL / V830HGCZ2J AA9	AB52 PIPE MTD / 305.	435176 168 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 VENDOR SUPPLIED REDUCER 1 1N2 X 3	VALVES / SOLENOID VALVE	3CX-W25SB -1 09537 / AQR-67368	ITT HAMMEL DAHL / ASCO / 443-B1	AB52 VLV MTD / 305.	435176 < M66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 FHB AH-17 SB SPENT FUEL POOL PMP AREA TEMP	VALVES / TRANSDUCER	3CX-W26SB -1 01258	ITT HAMMEL DAHL / ROBERTSHAW CONTROLS / 443-B1	FH31 VLV MTD / 260.	435176 165 M66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED W/VALVE ASSEMBLY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
ESS.SER.CHILLD WATER CX0145 COMMON TO UNIT S 1-4	VALVES THREE-WAY 2 1/2	3CX-W26SB -1-4 04732 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL V830KGC82J AA9	FH31 PIPE MTD 261.	435176 165 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 SSENTIAL SER < CX FOR AH-17 (2-4B-SB)	VALVES SOLENOID VALVE	3CX-W26SB -1-4 09539 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	FH31 VLV MTD 261.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-E9 (1B-SB)	VALVES THREE-WAY 2 1/2	3CX-W27SB -1 04638 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB31 VLV MTD 263.	435176 164 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP RV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 <	VALVES SOLENOID VALVE	3CX-W27SB -1 09541 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB31 VLV MTD 263.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-20(1B-SB)	VALVES THREE-WAY 2 1/2	3CX-W29SB -1 04555 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL V830KGC82J AA9	PIPE MTD	435176 164 M-66V 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-5(1B-SB)	VALVES THREE-WAY 2 1/2	3CX-W3SB- 1 04567 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB01 VLV MTD 192.	435176 164 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM

TAGS INCLUDED: 3CX-W26SB-1-4 ----3CX-W3SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
ESS.SER.CHILLD WATER CX0145	VALVES	3CX-W3SB-1 09543	ITT HAMMEL DAHL ASCO	AB01 VLV MTD	435176 < M-66H	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	AQR-67368	NP8320A175 E	192.	50-M66 H-20															
ESS.SER.CHILLD WATER CX0145	VALVES	3CX-W32SA-1 04997	ITT HAMMEL DAHL	AB31 PIPE MTD	435176 063 M-66H	ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
	3-WAY 1 1/2	REPORT NO.3024	ITT HAMMEL DAHL V830HGCZ2J AA9	261.	50-M66 H-20	77ED WINTR 77ADD														
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERVICE CH FOR AH-92 (1A-SA)	VALVES	3CX-W32SA-1 09545	ITT HAMMEL DAHL ASCO	AB41 VLV MTD	435174 063 M-66H	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	AQR-67368	NP8320A175 E	286.	50-M66 H-20															
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SERVICE CH FOR -- AH-92 (1B-SB)	VALVES	3CX-W33SB-1 04989	ITT HAMMEL DAHL	AB41 VLV MTD	435176 063 M-66H	ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
	3-WAY 1 1/2	REPORT NO 3024	ITT HAMMEL DAHL NP8320A175 E	286.	50-M66 H-20	77ED WINTR 77ADD														
ESS.SER.CHILLD WATER CX0145	VALVES	3CX-W33SB-1 09547	ITT HAMMEL DAHL ASCO	AB41 VLV MTD	435176 < M-66H	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	AQR-67368	NP8320A175 E	286.	50-M66 H-20															
ESS.SER.CHILLD WATER CX0145 3CX-W34SB VLV FOR UNIT 2	VALVES	3CX-W34SA-1 09548	ITT HAMMEL DAHL ASCO	AB41 PIPE MTD	435176 < M-66H	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	AQR-67368	V830HGCZ2J AA9	286.	50-M66 H-20															

TAGS INCLUDED: 3CX-W3SB-1 ----3CX-W34SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
ESS.SER.CHILLD WATER CX0145 3CX-W34SB VLV FOR UNIT 2	VALVES 3-WAY 1 1/2	3CX-W34SA -1 04993 REPORT NO.3024	ITT HAMMEL DAHL ITT HAMMEL DAHL V83CHGCZ2J AA9	AB52 PIPE MTD 305.	435176 162 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-M8(1B-SB)	VALVES THREE-WAY 2 1/2	3CX-W4SB-1 04571 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB11 VLV MTD 217.	435176 166 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145	SOLENOID VALVE	3CX-W4SB-1 09549 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB11 VLV MTD 217.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 E	VALVES THREE-WAY 2 1/2	3CX-W5SA-1 04591 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL V83DKGC82J AA9	AB21 PIPE MTD 247.	435176 166 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP RV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 M	SOLENOID VALVE	3CX-W5SA-1 09551 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB21 VLV MTD 247.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-M (1A-SA)	VALVES THREE-WAY 3	3CX-W7SA-1 04605 REPORT NO.2910	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB21 VLV MTD 247.	435176 167 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM

TAGS INCLUDED: 3CX-W34SA-1 ----3CX-W7SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
ESS.SER.CHILLD WATER CX0145 M	VALVES SOLENOID VALVE	3CX-W7SA-1 09553 AQR-67368	ITT HAMMEL DAHL ASCO NP832GA175E	AB21 VLV MTD 240.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145	VALVES THREE-WAY 2 1/2	3CX-W8SA-1 04613 REPORT NO.2961	ITT HAMMEL DAHL ITT HAMMEL DAHL V830KGC82JAA9	AB21 PIPE MTD 250.	435176 166 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-M (1A-SA)	VALVES SOLENOID VALVE	3CX-W8SA-1 09555 AQR-67368	ITT HAMMEL DAHL ASCO NP832GA175E	AB21 VLV MTD 250.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
ESS.SER.CHILLD WATER CX0145 ESSENTIAL SER CX FOR AH-M (1A-SA)	VALVES THREE-WAY 3	3CX-W9SA-1 04620 REPORT NO.2910	WESTINGH'S E ITT HAMMEL DAHL ---- WSO-3	AB21 IN LINE 240.	435002 001 A-02 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
ESS.SER.CHILLD WATER CX0145 M	VALVES SOLENOID VALVE	3CX-W9SA-1 09557 AQR-67368	ITT HAMMEL DAHL ASCO NP832UA175E	AB21 VLV MTD 240.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
EXCORE NEUTRON MONITORING 0175 EXCORE NEUTRON MONITORS	NEUTRON DETECTOR INTERME-DIATE RANGE #1	NE-35-IP 11787 ESE-8A	WESTINGHOUSE WESTINGHOUSE	CB21 PR.SH WALL 249.		IEEE 323-1974 8344-1975	A			X		NA	MF	MD	<33 HZ	<33 HZ	<33 HZ	RCB 76 166, 367, 231, 291, 445	ELEVATION SHOWN IS HIGHEST. FRS AT EL 249.0 OF RCB(INT).
EXCORE NEUTRON MONITORING 0175 EXCORE NEUTRON MONITORS	NEUTRON DETECTOR INTERME-DIATE RANGE #2	NE-36-IIP 11788 ESE-8A	WESTINGHOUSE WESTINGHOUSE	CB21 PR.SH WALL 249.		IEEE 323-1974 8344-1975	A			X		NA	MF	MD	<33 HZ	<33 HZ	<33 HZ	RCB 76 166, 367, 231, 291, 445	ELEVATION SHOWN IS HIGHEST. FRS AT EL 249.0 OF RCB(INT).

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
EXCORE NEUTRON MONITORING 0175 EXCORE NEUTRON	NEUTRON DETECTOR POWER RANGE #1	NE-41-IP 11789 ESE-8A	WESTINGHOUSE WESTINGHOUSE	CB21 PR.SH WALL 249.		IEEE 323-1974 R344-1975	A			X		NA	MF	MD	<33 HZ	<33 HZ	<33 HZ	RCB 76 166, 367, 231, 291, 445	ELEVATION SHOWN IS HIGHEST. FRS AT EL 249.0 OF RCB(INT).
EXCORE NEUTRON MONITORING 0175 EXCORE NEUTRON MONITORS	NEUTRON DETECTOR POWER RANGE #2	NE-42-IIP 11790 ESE-8A	WESTINGHOUSE WESTINGHOUSE	CB21 PR.SH WALL 249.		IEEE 323-1974 R344-1975	A			X		NA	MF	MD	<33 HZ	<33 HZ	<33 HZ	RCB 76 166, 367, 231, 291, 445	ELEVATION SHOWN IS HIGHEST. FRS AT EL 249.0 OF RCB(INT).
EXCORE NEUTRON MONITORING 0175 EXCORE NEUTRON MONITORS	NEUTRON DETECTOR POWER RANGE #3	NE-43-IIIP 11791 ESE-8A	WESTINGHOUSE WESTINGHOUSE	CB21 PR.SH WALL 249.		IEEE 323-1974, 344-1975				X		NA			<33 HZ	<33 HZ	<33 HZ	RCB-76 166, 367, 231, 291, 445	ELEVATION SHOWN IS HIGHEST. FRS AT EL 249.0 OF RCB(INT).
EXCORE NEUTRON MONITORING 0175 EXCORE NEUTRON MONITORS	NEUTRON DETECTOR POWER RANGE #4	NE-44-IVP 11792 ESE-8A	WESTINGHOUSE WESTINGHOUSE	CB21 PR.SH WALL 249.		IEEE 323-1974, 344-1975				X		NA			<33 HZ	<33 HZ	<33 HZ	RCB-76 166, 367, 231, 291, 445	ELEVATION SHOWN IS HIGHEST. FRS AT EL 249.0 OF RCB(INT).

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FEEDWATER	INDICATO RS	LI 1FW 04 74 SA 00165	WESTINGH'S E W	AB52 MCB-1B1	435002 A-02	IEEE 323-74,344-75	A D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI474
FWOCO9 CH I SG A NAR RGE LEVEL	LEVEL DI RECT IND ICATOR	ESE-14	VX-252	305.															
FEEDWATER	INDICATO RS	LI 1FW 04 75 SB 00170	WESTINGH'S E W	AB52 MCB-1B1	435002 A-02	IEEE 323-74,344-75	A D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,312	LI475
FWOCO9 CH II SG A NAR RGE LEVEL	LEVEL DI RECT IND ICATOR	ESE-14	VX-252	305.															
FEEDWATER	INDICATO RS	LI 1FW 04 76 SA 00174	WESTINGH'S E W	AB52 MCB-1B1	435002 A-02	IEEE 323-74,344-75	A D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI476
FWOCO9 CH III SG A NAR RNGE LEVEL	LEVEL DI RECT IND ICATOR	ESE-14	VX-252	305.															
FEEDWATER	INDICATO RS	LI 1FW 04 77.1 SA 00177	WESTINGH'S E W	AB52 MCB-1B1	435002 A-02	IEEE 323-74,344-75	A D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI477.1
FWOCO9 CH I SG A WIDE RGE LEVEL	LEVEL DI RECT IND ICATOR	ESE-14	VX-252	305.															
FEEDWATER	INDICATO RS	LI 1FW 04 77.2 SA 00178	RELIANCE ELECTRIC WESTINGH'S E	AB43 ACP	435190 TN05 TN05-20	IEEE 323-74,344-75	B D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICA-TION REPO T IS STILL IN REVIEW
FWOCO9 CH I SG A WIDE RGE LEVEL N	LEVEL DI RECT IND ICATOR	EP-0056-1	VX-252	285.															
FEEDWATER	INDICATO RS	LI 1FW 04 83 SB 10983	WESTINGH'S E W	AB52 MCB-1B1	435002 A-02	IEEE 323-74,344-75	A D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI483
FWOCO9 CH 1V SG B NAR RGE LEVEL	LEVEL DI RECT IND ICATOR	ESE-14	VX-252	305.															

TAGS INCLUDED: LI 1FW 0474 SA----LI 1FW 0484 SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FEEDWATER FW0009 CH I SG B NAR RGE LEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1FW 0484 SA 09634 ESE-14	WESTINGH'SE W VX-252	AB52 MCB-181 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI484
FEEDWATER FW0009 CH II SG B NAR RGE LEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1FW 0485 SB 00185 ESE-14	WESTINGH'SE W VX-252	AB52 MCB 181 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI485
FEEDWATER FW0009 CH III SG B NAR RGELEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1FW 0486 SA 00189 ESE-14	WESTINGH'SE W VX-252	AB52 MCB-181 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI486
FEEDWATER FW0009 CH II SG B WD RGE LEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1FW 0487.1 SB 00192 ESE-14	WESTINGH'SE W VX-252	AB52 MCB-181 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI487.1
FEEDWATER FW0009 CH 1V SG C NAR RGE LEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1FW 0493 SB 10984 ESE-14	WESTINGH'SE W VX-252	AB52 MCB-181 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI493
FEEDWATER FW0009 CH I SG C NAR RGE LEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1FW 0494 SA 00200 ESE-14	WESTINGH'SE W VX-252	AB52 MCB-181 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI494

TAGS INCLUDED: LI 1FW 0484 SA----LI 1FW 0495 SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITION	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
FEEDWATER FW0009 CH II SG C NARGE LEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1FW 04 95 SB 00203 ESE-14	WESTINGH'SE W VX-252	AB52 MCB-1B1 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI495
FEEDWATER FW0009 CH III SG C NAR RGELEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1FW 04 96 SA 00206 ESE-14	WESTINGH'SE W VX-252	AB52 MCB-1B1 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI496
FEEDWATER FW0009 CH III SG C WDRGELEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1FW 04 97.1 SA 00210 ESE-14	WESTINGH'SE W VX-252	AB52 MCB-1B1 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI497.1
FEEDWATER FW0009 SG A FEEDWATER PRES	INDICATORS PRESSURE DIRECT INDICATOR	PI 1FW 20 01A SA 00292 ESE-14	WESTINGH'SE W RID VX-252	AB52 MCB-1B1 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PI2001A
FEEDWATER FW0009 SG B FEEDWATER PRES	INDICATORS PRESSURE DIRECT INDICATOR	PI 1FW 20 01B SB 00293 ESE-14	WESTINGH'SE W RID VX-252	AB52 MCB-1B1 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PI2001B
FEEDWATER FW0009 SG C FEEDWATER PRES	INDICATORS PRESSURE DIRECT INDICATOR	PI 1FW 20 01C SA 00294 ESE-14	WESTINGH'SE W RID VX-252	AB52 MCB-1B1 305.	435002 A-02	IEEE 323-74,344-75	A				X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PI2001C

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITN	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FEEDWATER	PRIMARY ELEMENT	TE 1FW 20 04A1 S		???? CONV	435286 66	IEEE 344-	A	B	HORZ 1.5	HORZ 3.0	YES	N/A	D	MF	MD	N/A	MIN 82	MIN 82	N/A	
FW0009		00310	WEED	MTD	IN43	75			VERT	VENT							HZ	HZ		
FW TO STM GEN	TEMPERAT	548-8854-	INSTRUMENT		IN43-				1.0	2.0							MAX	MAX		
A TEMP 2/3	URE PRIM	2 REV B	E48250G-15	0.	20												203	203		
LOGIC	ARY ELEM		.75 AS														HZ	HZ		
FEEDWATER	PRIMARY ELEMENT	TE 1FW 20 04A2 S		???? CONV	435286 67	IEEE 344-	A	B	HORZ 1.5	HORZ 3.0	YES	N/A	D	MF	MD	N/A	MIN 82	MIN 82	N/A	
FW0009		00313	WEED	MTD	IN43	75			VERT	VERT							HZ	HZ		
FW TO STM GEN	TEMPERAT	548-8854-	INSTRUMENT		IN43-	323-			1.0	2.0							MAX	MAX		
A TEMP 2/3	URE PRIM	2 REV B	E48250G-15	0.	20	74											203	203		
LOGIC	ARY ELEM		.75 AS														HZ	HZ		
FEEDWATER	PRIMARY ELEMENT	TE 1FW 20 04A3 S		CB41 CONV	435286 68	IEEE 344-	A	B	HORZ 1.5	HORZ 3.0	YES	N/A	D	MF	MD	N/A	MIN 82	MIN 82	N/A	
FW0009		00315	WEED	MTD	IN43	75			VERT	VERT							HZ	HZ		
FW TO STM GEN	TEMPERAT	548-8854-	INSTRUMENT		IN43-	323-			1.0	2.0							MAX	MAX		
A TEMP 2/3	URE PRIM	2 REV B	E48250G-15	277.	20	74											203	203		
LOGIC	ARY ELEM		.75 AS														HZ	HZ		
FEEDWATER	PRIMARY ELEMENT	TE 1FW 20 0481 S		???? CONV	435286 69	IEEE 344-	A	B	HORZ 1.5	HORZ 3.0	YES	N/A	D	MF	MD	N/A	MIN 82	MIN 82	N/A	
FW0009		00314	WEED	MTD	IN43	75			VERT	VERT							HZ	HZ		
FW TO STM GEN	TEMPERAT	548-8854-	INSTRUMENT		IN43-	323-			1.0	2.0							MAX	MAX		
B TEMP 2/3	URE PRIM	2 REV B	E48250G-15	0.	20	74											203	203		
LOGIC	ARY ELEM		.75 AS														HZ	HZ		
FEEDWATER	PRIMARY ELEMENT	TE 1FW 20 0482 S		???? CONV	435286 70	IEEE 344-	A	B	HORZ 1.5	HORZ 3.0	YES	N/A	D	MF	MD	N/A	MIN 82	MIN 82	N/A	
FW0009		00307	WEED	MTD	IN43	75			VERT	VERT							HZ	HZ		
FW TO STM GEN	TEMPERAT	548-8854-	INSTRUMENT		IN43-				1.0	2.0							MAX	MAX		
B TEMP 2/3	URE PRIM	2 REV B	E48250G-15	0.	20												203	203		
LOGIC	ARY ELEM		.75 AS														HZ	HZ		
FEEDWATER	PRIMARY ELEMENT	TE 1FW 20 0483 S		???? CONV	435286 71	IEEE 344-	A	B	HORZ 1.5	HORZ 3.0	YES	N/A	D	MF	MD	N/A	MIN 82	MIN 82	N/A	
FW0009		00312	WEED	MTD	IN43	75			VERT	VENT							HZ	HZ		
FW TO STM GEN	TEMPERAT	854-8854-	INSTRUMENT		IN43-				1.0	2.0							MAX	MAX		
B TEMP 2/3	URE PRIM	2 REV B	E48250G-15	0.	20												203	203		
LOGIC	ARY ELEM		.75 AS														HZ	HZ		

TAGS INCLUDED: TE 1FW 2004A1 S----TE 1FW 2004C1 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
FEEDWATER FW0009 FW TO STM GEN C TEMP 2/3 LOGIC	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1FW 20 G4C1 S 00311 854-8854-2 REV B	WEED INSTRUMENT E48250G-15 .75 AS	C831 CONV MTD 270.	435286 72 IN43 IN43-20	IEEE 344-75	A	B	HORZ 1.5 VERT 1.0	HORZ 3.0 VENT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	
FEEDWATER FW0009 FW TO STM GEN C TEMP 2/3 LOGIC	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1FW 20 G4C2 S 00308 854-8854-2 REV B	WEED INSTRUMENT E48250G-15 .75 AS	???? CONV MTD 0.	435286 73 IN43 IN43-20	IEEE 344-75	A	B	HORZ 1.5 VERT 1.0	HORZ 3.0 VENT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	
FEEDWATER FW0009 FW TO STM GEN C TEMP 2/3 LOGIC	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1FW 20 G4C3 S 00309 548-8854-2 REV B	WEED INSTRUMENT E48250G-15 .75 AS	???? CONV MTD 0.	435286 74 IN43 IN43-20	IEEE 344-75	A	B	HORZ 1.5 VERT 1.0	HORZ 3.0 VENT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
FEEDWATER	RECORDER	LR 1FW 04	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	LR0477
	S	77 S	E	MCB-		323-7										HZ	HZ	HZ	10,37,	
FW0009		00179	W CID	1B1	A-02	4,344													60,88,	
SG WD RNGE LVL	LEVEL RE	ESE-15				-75													191,	
-PEN 1-CH I SG	CORDER O		OPTIMAC	305.															212	
A STM PR 2-CH	R PRINTE		100																	
FEEDWATER	RECORDER	UR 1FW 04	WESTINGH'S	AB52	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RAB12-	UR0478
	S	78 S	E	MCB-		323-7										HZ	HZ	HZ	37,88	
FW0009		00180	W CID	1B1	A-02	4,344													212	
PEN1 SG A FDWT	MULTIVAR	ESE-15				-75													10,60,	
RFLOWPEN2 SG A	IABLE RE		17450	305.															191	
STEAMFLOWPEN3	CORDER O																			
FEEDWATER	RECORDER	UR 1FW 04	WESTINGH'S		435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RAB12-	UR0488
	S	88 S	E	MCB-		323-7										HZ	HZ	HZ	37,88	
FW0009		00195	W CID	1B1	A-02	4,344													212	
PEN1 SG B FDWT	MULTIVAR	ESE-15				-75													10,60	
RFLOWPEN2 SG B	IABLE RE		17450																191	
STEAMFLOWPEN3	CORDER O		WSO-3																	
FEEDWATER	RECORDER	UR 1FW 04	WESTINGH'S	AB52	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RAB12-	UR0498
	S	98 S	E	MCB-		323-7										HZ	HZ	HZ	37,88	
FW0009		00213	W CID	1B1	A-02	4,344													212	
PEN1 SG C FDWT	MULTIVAR	ESE-15				-75													10,60	
RFLOWPEN2 SG C	IABLE RE		OPTIMAC	305.															191	
STEAMFLOWPEN3	CORDER O																			

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ORE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
			MODEL NO	ELEV	SORT #		Q	I											
FEEDWATER	RELAYS	RLY XFW80 1-CR4 11005	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP-1ASA	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	D	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
FW0009	RADIATION SIG.CO ND.OR FU	15761	MDR137-8	305.																
N																			
FEEDWATER	RELAYS	RLY XFW80 1-CR5 11054	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP-1BS3	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
FW0009	RADIATION SIG.CO ND.OR FU	15761	MDR137-8	305.																
E																			
FEEDWATER	RELAYS	RLY XFW80 2-CR4 11007	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP-1ASA	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	D	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
FW0009	RADIATION SIG.CO ND.OR FU	15761	MDR137-8	305.																
N																			
FEEDWATER	RELAYS	RLY XFW80 2-CR5 11055	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP-1BS3	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
FW0009	RADIATION SIG.CO ND.OR FU	15761	MDR137-8	305.																
E																			
FEEDWATER	RELAYS	RLY XFW80 3-CR4 11006	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP-1ASA	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	D	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
FW0009	RADIATION SIG.CO ND.OR FU	15761	MDR137-8	305.																
N																			
FEEDWATER	RELAYS	RLY XFW80 3-CR5 11056	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP-1BS3	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
FW0009	RADIATION SIG.CO ND.OR FU	15761	MDR137-8	305.																
E																			

TAGS INCLUDED: RLY XFW801-CR4 ----RLY 1FW1827-CR1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		27-CR1	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11008	POTTER	1ASA	IN13	1974			F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	1344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR 5060	305.	20	1975			V=	V=									212	
VLVE 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		27-CR2	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11009	POTTER	1ASA	IN13	1974			F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	1344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR137-8	305.	20	1975			V=	V=									212	
VLVE 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		27-CR3	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11010	POTTER	1ASA	IN13	1974			F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	1344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR137-8	305.	20	1975			V=	V=									212	
VLVE 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		27-CR4	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11057	POTTER	1BSB	IN13	1974			F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	1344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR5060	305.	20	1975			V=	V=									212	
VA E 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		27-CR5	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11058	POTTER	1BSB	IN13	1974			F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	1344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR137-8	305.	20	1975			V=	V=									212	
VA E 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		27-CR6	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11059	POTTER	1BSB	IN13	1974			F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	1344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR137-8	305.	20	1975			V=	V=									212	
VA E 2FW-	ND.OR FU								2.4	2.9										

TAGS INCLUDED: RLY 1FW1827-CR1----RLY 1FW1828-CR1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	PLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		28-CR1	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11C12	POTTER	1ASA	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1B MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR506C	305.	20	'75			V=	V=									212	
VLVE 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		28-CR2	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11013	POTTER	1ASA	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1B MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR17-8	305.	20	'75			V=	V=									212	
VLVE 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		28-CR3	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11C14	POTTER	1ASA	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1B MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR137-8	305.	20	'75			V=	V=									212	
VLVE 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		28-CR4	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11061	POTTER	1BSB	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1B MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR5060	305.	20	'75			V=	V=									212	
VA E 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		28-CR5	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11062	POTTER	1BSB	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1B MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR1237-8	305.	20	'75			V=	V=									212	
VA E 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		28-CR6	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11063	POTTER	1BSB	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1B MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR137-8	305.	20	'75			V=	V=									212	
VA E 2FW-	ND.OR FU								2.4	2.9										

TAGS INCLUDED: RLY 1FW1828-CR1----RLY 1FW1829-CR1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		29-CR1	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11015	POTTER	1ASA	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1C MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR5C60	305.	20	'75			V=	V=									212	
VLVE 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		29-CR2	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11016	POTTER	1ASA	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1C MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR137-8	305.	20	'75			V=	V=									212	
VLVE 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		29-CR3	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11017	POTTER	1ASA	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1C MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR137-8	305.	20	'75			V=	V=									212	
VLVE 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A		S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		29-CR4	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11064	POTTER	1BS9	IN13	'74			F/B=	F/B=									60,88,	
STM GEN 1C MAI	RADIATIO	11C66WHA	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO	1524292	MDR5C60	305.	20	'75			V=	V=									212	
VA E 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		29-CR5	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11065	POTTER	1BS9	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1C MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR137-8	305.	20	'75			V=	V=									212	
VA E 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		29-CR6	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11066	POTTER	1BS9	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1C MAI	PADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL BYP	N SIG.CO		MDR137-8	305.	20	'75			V=	V=									212	
VA E 2FW-	ND.OR FU								2.4	2.9										

TAGS INCLUDED: RLY 1FW1829-CR1----RLY 1FW1830-CR1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		30-CR1	CONTROL	ARP-		323-		2.4	2.9									10,37,	
FW0009		11018	POTTER	1ASA	IN13	'74		F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-		2.4	2.9									191,	
N FW ISOL VLV	N SIG.CO		MDR5C60	305.	20	'75		V=	V=									212	
E 2FW-	ND.OR FU							2.4	2.9										
FEEDWATER	RELAYS	PLY 1FW18	SYSTEM	AB52	435246	IEEE-	A B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		30-CR2	CONTROL	ARP-		323-		2.4	2.9									10,37,	
FW0009		11019	POTTER	1ASA	IN13	'74		F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-		2.4	2.9									191,	
N FW ISOL VLV	N SIG.CO		MDR137-8	305.	20	'75		V=	V=									212	
E 2FW-	ND.OR FU							2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		30-CR3	CONTROL	ARP-		323-		2.4	2.9									10,37,	
FW0009		11020	POTTER	1ASA	IN13	'74		F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-		2.4	2.9									191,	
N FW ISOL VLV	N SIG.CO		MDR137-8	305.	20	'75		V=	V=									212	
E 2FW-	ND.OR FU							2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		30-CR4	CONTROL	ARP-		323-		2.4	2.9									10,37,	
FW0009		11067	POTTER	1BSB	IN13	'74		F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-		2.4	2.9									191,	
N FW ISOL VA	N SIG.CO		MDR5C60	305.	20	'75		V=	V=									212	
E 2FW-	ND.OR FU							2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		30-CR5	CONTROL	ARP-		323-		2.4	2.9									10,37,	
FW0009		11068	POTTER	1BSB	IN13	'74		F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-		2.4	2.9									191,	
N FW ISOL VA	N SIG.CO		MDR137-8	305.	20	'75		V=	V=									212	
E 2FW-	ND.OR FU							2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		30-CR6	CONTROL	ARP-		323-		2.4	2.9									10,37,	
FW0009		11069	POTTER	1BSB	IN13	'74		F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-		2.4	2.9									191,	
N FW ISOL VA	N SIG.CO		MDR137-8	305.	20	'75		V=	V=									212	
E 2FW-	ND.OR FU							2.4	2.9										

TAGS INCLUDED: RLY 1FW1830-CR1----RLY 1FW1830-CR7
SORT TYPE:SYSDES,FQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS							S/D							
			MODEL NO	ELEV	SORT #		Q	I												
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		30-CR7	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11021	POTTER	1ASA	IN13	174			F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL VLV	N SIG.CO		MDR137-8	305.	20	175			V=	V=									212	
E 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		30-CR8	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11070	POTTER	1BSB	IN13	174			F/B=	F/B=									60,88,	R
STM GEN 1A MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL VA	N SIG.CO		MDR137-8	305.	20	175			V=	V=									212	
E 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		31-CR1	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11022	POTTER	1ASA	IN13	174			F/B=	F/B=									60,88,	R
STM GEN 1B MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL VLV	N SIG.CO		MDR50	305.	20	175			V=	V=									212	
E 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		31-CR2	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11023	POTTER	1ASA	IN13	174			F/B=	F/B=									60,88,	R
STM GEN 1B MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL VLV	N SIG.CO		MDR137-8	305.	20	175			V=	V=									212	
E 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		31-CR3	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11024	POTTER	1ASA	IN13	174			F/B=	F/B=									60,88,	R
STM GEN 1B MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL VLV	N SIG.CO		MDR137-8	305.	20	175			V=	V=									212	
E 2FW-	ND.OR FU								2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		31-CR4	CONTROL	ARP-		323-			2.4	2.9									10,37,	
FW0009		11071	POTTER	1BSB	IN13	174			F/B=	F/B=									60,88,	R
STM GEN 1B MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
N FW ISOL VA	N SIG.CO		MDR5060	305.	20	175			V=	V=									212	
E 2FW-	ND.OR FU								2.4	2.9										

TAGS INCLUDED: RLY 1FW1830-CR7----RLY 1FW1831-CR5
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SOPT #	STDS	Q	I												
FEEDWATER	RELAYS	RLY 1FW18 31-CR5 11072	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP- 1BS3	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
FWOC09 STM GEN 1B MAIN FW ISOL VALVE 2FW-	RADIATION SIG.CO ND.OR FU	15761	MDR137-8	305.	20															R
FEEDWATER	RELAYS	RLY 1FW18 31-CR6 11073	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP- 1BS3	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
FWOD09 STM GEN 1B MAIN FW ISOL VALVE 2FW-	RADIATION SIG.CO ND.OR FU	15761	MDR137-8	305.	20															R
FEEDWATER	RELAYS	RLY 1FW18 31-CR7 11025	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP- 1ASA	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
FWOC09 STM GEN 1B MAIN FW ISOL VLV 2FW-	RADIATION SIG.CO ND.OR FU	15761	MDR137-8	305.	20															R
FEEDWATER	RELAYS	RLY 1FW18 31-CR8 11074	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP- 1BS3	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
FWOC09 STM GEN 1B MAIN FW ISOL VA E 2FW-	RADIATION SIG.CO ND.OR FU	15761	MDR137-8	305.	20															R
FEEDWATER	RELAYS	RLY 1FW18 32-CR1 11026	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP- 1ASA	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
FWOC09 STM GEN 1C MAIN FW ISOL VLV 2FW-	RADIATION SIG.CO ND.OR FU	15761	MDR5060	305.	20															R
FEEDWATER	RELAYS	RLY 1FW18 32-CR2 11027	SYSTEM CONTROL POTTER BRUMFIELD	AB52 APP- 1ASA	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
FWOC09 STM GEN 1C MAIN FW ISOL VLV 2FW-	RADIATION SIG.CO ND.OR FU	15761	MDR137-8	305.	20															R

TAGS INCLUDED: RLY 1FW1831-CR5----RLY 1FW1832-CR3
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- D 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS		OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q I												
FEEDWATER	PELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		32-CR3	CONTROL	ARP-		323-		2.4	2.9									10,37,	
FWOOO9		11028	POTTER	1AS4	IN13	'74		F/B=	F/B=									60,88,	R
STM GEN 1C MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-		2.4	2.9									191,	
N FW ISOL VLV	N SIG.CO		MDR137-8	305.	20	'75		V=	V=									212	
E 2FW-	ND.OR FU							2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		32-CR4	CONTROL	ARP-		323-		2.4	2.9									10,37,	
FWOOO9		11075	POTTER	1BS3	IN13	'74		F/B=	F/B=									60,88,	R
STM GEN 1C MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-		2.4	2.9									191,	
N FW ISOL VA	N SIG.CO		MDR5060	305.	20	'75		V=	V=									212	
E 2FW-	ND.OR FU							2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		32-CR5	CONTROL	ARP-		323-		2.4	2.9									10,37,	
FWOOO9		11076	POTTER	1BS3	IN13	'74		F/B=	F/B=									60,88,	R
STM GEN 1C MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-		2.4	2.9									191,	
N FW ISOL VLV	N SIG.CO		MDR 137-8	305.	20	'75		V=	V=									212	
E 2FW-	ND.OR FU							2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		32-CR6	CONTROL	ARP-		323-		2.4	2.9									10,37,	
FWOOO9		11077	POTTER	1BS3	IN13	'74		F/B=	F/B=									60,88,	R
STM GEN 1C MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-		2.4	2.9									191,	
N FW ISOL VA	N SIG.CO		MDR 137-8	305.	20	'75		V=	V=									212	
E 2FW-	ND.OR FU							2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		32-CR7	CONTROL	ARP-		323-		2.4	2.9									10,37,	
FWOOO9		11029	POTTER	1AS4	IN13	'74		F/B=	F/B=									60,88,	R
STM GEN 1C MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-		2.4	2.9									191,	
N FW ISOL VLV	N SIG.CO		MDR137-8	305.	20	'75		V=	V=									212	
E 2FW-	ND.OR FU							2.4	2.9										
FEEDWATER	RELAYS	RLY 1FW18	SYSTEM	AB52	435246	IEEE-	A B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		32-CR8	CONTROL	ARP-		323-		2.4	2.9									10,37,	
FWOOO9		11078	POTTER	1BS3	IN13	'74		F/B=	F/B=									60,88,	R
STM GEN 1C MAI	RADIATIO	15761	BRUMFIELD		IN13-	344-		2.4	2.9									191,	
N FW ISOL VA	N SIG.CO		MDR 137-8	305.	20	'75		V=	V=									212	
E 2FW-	ND.OR FU							2.4	2.9										

TAGS INCLUDED: RLY 1FW1832-CR3----RLY 1FW1865-CR1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT	STDS	Q	I												
FEEDWATER FWOOO9 FW HDRZN ADD I SOL VA 2FW-V8 9SAE-1 INTL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1FW18 65-CR1 11050 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR138-8	AB52 ARP- 1ASA 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
FEEDWATER FWOOO9 FW HDRZAZINE A DD 1SOL VA 2FW -V8ESAB-1<INTL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1FW18 65-CR2 11117 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR138-8	AB52 ARP- 1BS9 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FEEDWATER	SENSORS	FT 1FW 20		AB32	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>21	>33	RAB	RESPONSE
		02A1 S		A1R33	182	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
FW0009		00305	ROSEMOUNT	ESF-A	IN01	75			S/S	S/S									304,15	FOR BE,
FW ISOL VLV BY	FLOW TRA	108025RB			IN01-				0.30	0.45									6,68,	OBE RESP
PASS FLOW TRAN	NSMITTER	108026RA	1153HB5	261.	20				VERT	VERT									258R1	ECT
SM M									0.30	0.45										
FEEDWATER	SENSORS	FT 1FW 20		AB32	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		02A2 S		A1R33	226	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
FW0009		00301	ROSEMOUNT	ESF-A	IN01	75			S/S	S/S									304,15	FOR BE,
FW A ISOL VLV	FLOW TRA	108025RB			IN01-				0.30	0.45									6,68,	OBE RESP
BYPS FLOW	NSMITTER	108026RA	1153HB5	261.	20				VERT	VERT									258R1	ECT
M									0.30	0.45										
FEEDWATER	SENSORS	FT 1FW 20		AB32	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>21	>33	RAB	RESPONSE
		02A3 S		LCL	227	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
FW0009		00302	ROSEMOUNT		IN01	75			S/S	S/S									304,15	FOR BE,
FW A ISOL VLV	FLOW TRA	108025RB			IN01-				0.30	0.45									6,68,	OBE RESP
BYPS FLOW	NSMITTER	108026RA	1153HB5	265.	20				VERT	VERT									258R1	ECT
M									0.30	0.45										
FEEDWATER	SENSORS	FT 1FW 20		AB31	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>21	>33	RAB	RESPONSE
		02B1 S		A1R27	183	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
FW0009		00304	ROSEMOUNT	ESF-B	IN01	75			S/S	S/S									304,15	FOR BE,
FW ISOL VLV BY	FLOW TRA	108025RB			IN01-				0.30	0.45									6,68,	OBE RESP
PASS FLOW TRAN	NSMITTER	108026RA	1153HB5	261.	20				VERT	VERT									258R1	ECT
SM M									0.30	0.45										
FEEDWATER	SENSORS	FT 1FW 20		AB31	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		02B2 S		A1R27	228	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
FW0009		00298	ROSEMOUNT	ESF-B	IN01	75			S/S	S/S									304,15	FOR BE,
FW B ISOL VLV	FLOW TRA	108025RB			IN01-				0.30	0.45									6,68,	OBE RESP
BYPS FLOW	NSMITTER	108026RA	1153HB5	261.	20				VERT	VERT									258R1	ECT
M									0.30	0.45										
FEEDWATER	SENSORS	FT 1FW 20		AB31	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		02B3 S		LCL	229	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
FW0009		00299	ROSEMOUNT		IN01	75			S/S	S/S									304,15	FOR BE,
FW B ISOL VLV	FLOW TRA	108025RB			IN01-				0.30	0.45									6,68,	OBE RESP
BYPS FLOW	NSMITTER	108026RA	1153HB5	265.	20				VERT	VERT									258R1	ECT
M									0.30	0.45										

TAGS INCLUDED: FT 1FW 2002A1 S----FT 1FW 2002C1 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FEEDWATER	SENSORS	FT 1FW 20		AB31	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>21	>33	RAB	RESPONSE
		02C1 S		A1R28	184	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
FW0009		00306	ROSEMOUNT	ESF-A	IN01	75			S/S	S/S									304,15	FOR BE,
FW ISOL VLV BY	FLOW TRA	108025RB			IN01-				0.30	0.45									6,68,	OBE RESP
PASS FLOW TRAN	NSMITTER	108026RA	1153HB5	261.	20				VERT	VERT									258R1	ECT
SM M									0.30	0.45										
FEEDWATER	SENSORS	FT 1FW 20		AB31	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>21	>33	RAB	RESPONSE
		C2C2 S		A1R28	230	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
FW0009		00303	ROSEMOUNT	ESF-A	IN01	75			S/S	S/S									304,15	FOR BE,
FW C ISOL VLV	FLOW TRA	108025RB			IN01-				0.30	0.45									6,68,	OBE RESP
BYPS FLOW	NSMITTER	108026RA	1153HB5	261.	20				VERT	VERT									258R1	ECT
M									0.30	0.45										
FEEDWATER	SENSORS	FT 1FW 20		AB31	435102	IEEE	A	D	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		02C3 S		LCL	231	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
FW0009		00300	ROSEMOUNT		IN01	75			S/S	S/S									304,15	FOR BE,
FW C ISOL VLV	FLOW TRA	108025RB			IN01-				0.30	0.45									6,68,	OBE RESP
BYPS FLOW	NSMITTER	108026RA	1153HB5	265.	20				VERT	VERT									258R1	ECT
N									0.30	0.45										
FEEDWATER	SENSORS	LT 1FW 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	LT474
		74 I	E	C1R 4	209	323-7										HZ	HZ	HZ	82,172	
FW0009		00166	BARTON	RPS-I	A-02	4,344													235,	
SG 1A NAR RGE	LEVEL TR	ESE-3A				-75													295,	
LVL PR ST I	ANSMITTE		764 GROUP	236.															392,	
N	R		A																461	
FEEDWATER	SENSORS	LT 1FW 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	LT475
		75 II	E	C1R 3	211	323-7										HZ	HZ	HZ	82,172	
FW0009		00171	BARTON	RPSII	A-02	4,344													235,	
SG 1A NAR RGE	LEVEL TR	ESE-3A				-75													295,	
LVL PR ST II	ANSMITTE		764 GROUP	236.															392,	
N	R		A																461	
FEEDWATER	SENSORS	LT 1FW 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	LT476
		76 III	E	C1R 2	212	323-7										HZ	HZ	HZ	82,172	
FW0009		00175	BARTON	RPS-	A-02	4,344													235,	
SG 1A NAR RNG	LEVEL TR	ESE-3A				-75													295,	
LVL PR ST III	ANSMITTE		764 GROUP	236.															392,	
N	R		A																461	

TAGS INCLUDED: FT 1FW 2002C1 S----LT 1FW 0477 I
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	RO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FEEDWATER	SENSORS	LT 1FW 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	LT477
		77 I	E	C1R 4	013	323-7										HZ	HZ	HZ	82,172	
FW0009		00683	BARTON	RPS-I	A-02	4,344													235,	
SG 1A WD RNGE	LEVEL TR	ESE-3A				-75													295,	
LVL PR ST I	ANSMITTE		764 GROUP	236.															392,	
N	R		A																461	
FEEDWATER	SENSORS	LT 1FW 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	LT484
		84 I	E	C1R10	015	323-7										HZ	HZ	HZ	82,172	
FW0009		00687	BARTON	RPS-I	A-02	4,344													235,	
SG 1B NAR RGE	LEVEL TR	ESE-3A				-75													295,	
LVL PR ST I	ANSMITTE		764 GROUP	236.															392,	
N	R		A																461	
FEEDWATER	SENSORS	LT 1FW 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	LT485
		85 II	E	C1R 9	017	323-7										HZ	HZ	HZ	82,172	
FW0009		00186	BARTON	RPSII	A-02	4,344													235,	
SG 1B NAR RGE	LEVEL TR	ESE-3A				-75													295,	
LVL PR ST II	ANSMITTE		764 GROUP	236.															392,	
N	R		A																461	
FEEDWATER	SENSORS	LT 1FW 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	LT486
		86 III	E	C1R 8	018	323-7										HZ	HZ	HZ	82,172	
FW0009		00190	BARTON	RPS-	A-02	4,344													235,	
SG 1B NAR RGE	LEVEL TR	ESE-3A				-75													295,	
LVL PR ST III	ANSMITTE		764 GROUP	236.															392,	
N	R		A																461	
FEEDWATER	SENSORS	LT 1FW 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	KT487
		87 II	E	C1R 9	019	323-7										HZ	HZ	HZ	82,172	
FW0009		00194	BARTON	RPSII	A-02	4,344													235,	
SG 1B WD RGE L	LEVEL TR	ESE-3A				-75													295,	
EV PR ST II	ANSMITTE		764 GROUP	236.															392,	
N	R		A																461	
FEEDWATER	SENSORS	LT 1FW 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	LT494
		94 I	E	C1R15	021	323-7										HZ	HZ	HZ	82,172	
FW0009		00694	BARTON	RSP-1	A-02	4,344													235,	
DP TRANS,PZR	LEVEL TR	ESE-3A				-75													295,	
LVL,STM FLW,S/	ANSMITTE		764 GROUP	236.															392,	
G LNL(W/R&N/R)	R		A																461	

TAGS INCLUDED: LT 1FW 0477 I ----LT 1FW 0495 II
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q I												
FEEDWATER	SENSORS	LT 1FW 04	WESTINGH'S	CB21	435002	IEEE	A D			X			MF	MD	<33	<33	<33	RB-	LT495
		95 II	E	C1R14	023	323-7									HZ	HZ	HZ	82,172	
FW0009		00204	BARTON	RPSII	A-02	4,344												235,	
SG 1C NAR RGE	LEVEL TR	ESE-3A				-75												295,	
LEV PR ST II	ANSMITTE		764 GROUP	236.														392,	
	R		A															461	
FEEDWATER	SENSORS	LT 1FW 04	WESTINGH'S	CB21	435002	IEEE	A D			X			MF	MD	<33	<33	<33	RB-	LT496
		96 III	E	C1R13	024	323-7									HZ	HZ	HZ	82,172	
FW0009		00207	BARTON	RPS-	A-02	4,344												235,	
SG 1C NAR RGE	LEVEL TR	ESE-3A				-75												295,	
LEV PR ST III	ANSMITTE		764 GROUP	236.														392,	
N	R		A															461	
FEEDWATER	SENSORS	LT 1FW 04	WESTINGH'S	CB21	435002	IEEE	A D			X			MF	MD	<33	<33	<33	RB-	LT497
		97 III	E	C1R13	025	323-7									HZ	HZ	HZ	82,172	
FW0009		00212	BARTON	RPS-	A-02	4,344												235,	
SG 1C WD RGE L	LEVEL TR	ESE-3A				-75												295,	
EV PR ST III	ANSMITTE		764 GROUP	236.														392,	
N	R		A															461	
FEEDWATER	SENSORS	PT 1FW 20		AB32	435102	IEEE	A C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>33	RAB	RESPONSE
		C1A SA		A1R33	119	344-		0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
FW0009		00295	ROSEMOUNT	ESF-A	IN01	75		S/S	S/S									304,15	FOR BE,
FW TO STM GEN	PRESSURE	108025RB			IN01-	323-		0.30	0.45									6,68,	OBE RESP
A	TRANSMI	108026RA	1153GB9	261.	20	74		VERT	VERT									258R1	ECT
M	TTER							0.30	0.45										
FEEDWATER	SENSORS	PT 1FW 20		AB31	435102	IEEE	A C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		01B SB		A1R27	120	344-		0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
FW0009		00296	ROSEMOUNT	ESF-B	IN01	75		S/S	S/S									304,15	FOR BE,
FW TO STM GEN	PRESSURE	108025RB			IN01-	323-		0.30	0.45									6,68,	OBE RESP
B	TRANSMI	108026RA	1153GB9	261.	20	74		VERT	VERT									258R1	ECT
M	TTER							0.30	0.45										
FEEDWATER	SENSORS	PT 1FW 20		AB31	435102	IEEE	A	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		01C SA		A1R28	121	344-		0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
FW0009		00297	ROSEMOUNT	ESF-A	IN01	75		S/S	S/S									304,15	FOR DBE,
FW TO STM GEN	PRESSURE	108025RB			IN01-	323-		0.30	0.45									6,68,	OBE RESP
C	TRANSMI	108026RA	1153GB9	261.	20	74		VERT	VERT									258R1	ECT
	TTER							0.30	0.45										

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #															
FEEDWATER FW0009 MFW CNTL VA ST M GEN 1A I/ P CENV (3FW	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1FW04 78 S 09631	WESTINGH'SE FISHER-CONTROLS 546	TB31 VLV MTD 261.	435002 A-02	IEEE-344-75		B											NA	FCV478
FEEDWATER FWFW MN FW CNTRL VLV CONVERTER	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1FW04 79 S 11954	MASONIELEN 8005A	VLV MTD	435174 M66M															
FEEDWATER FW0009 MFW CNTL VA ST M GEN 1B I/ P CENV (3FW	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1FW04 88 S 09637	WESTINGH'SE FISHER-CONTROLS 546	AB31 VLV MTD 261.	435002 A-02	IEEE-344-75		B											NA	FCV488
FEEDWATER FWFW MN FW CNTRL VLV CONVERTER	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1FW04 89 S 11959	MASONIELEN 8005A	VLV MTD	435174 M66M															
FEEDWATER FW0009 MFW CNTL VA ST M GEN 1C I/ P CENV (3FW	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1FW04 98 S 09642	WESTINGH'SE FISHER-CONTROLS 546	TB31 VLV MTD 261.	435002 A-02	IEEE-344-75		B											NA	FCV498
FEEDWATER FWFW MN FW CNTRL VLV CONVERTER	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1FW04 99 S 11961	MASONIELEN 8005A	VLV MTD	435174 M66M															

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
FEEDWATER	VALVE OP	FSE 1FW04	WESTINGH'S	TB31	435002	IEEE	A	B			X			SF	SD	>33	>33	>33	NA	
	ERATORS	78A SA	E	VLV		323-7										HZ	HZ	HZ		
FW0009		09629	ASCO	MTD	A-02	1,344														FSE478A
STM GEN MAIN F	FLOW PRI	NS-CE-755				-71														
WTR ISOL VLV	MARY ELE		WPLB8300BG	261.																
1A E	MENT		1RU																	
FEEDWATER	VALVE OP	FSE 1FW04	WESTINGH'S		435002	IEEE	A	B			X			SF	SD	>33	>33	>33	NA	
	ERATORS	78B SB	E	VLV		323-7										HZ	HZ	HZ		
FW0009		09630	ASCO	MTD	A-02	1,344														FSE478B
STM GEN MAIN F	FLOW PRI	NS-CE-755				-71														
WTR ISOL VLV	MARY ELE		WPLB8300BG																	
1A E	MENT		1RU																	
FEEDWATER	VALVE OP	FSE 1FW04	WESTINGH'S		435002	IEEE	A	B			X			SF	SD	>33	>33	>33	NA	
	ERATORS	88A SA	E	VLV		323-7										HZ	HZ	HZ		
FW0009		09635	ASCO	MTD	A-02	1,344														FSE488A
STM GEN MAIN F	FLOW PRI	NS-CE-755				-71														
WTR ISOL VLV	MARY ELE		WPLB8300BG																	
1B E	MENT		1RU																	
FEEDWATER	VALVE OP	FSE 1FW04	WESTINGH'S		435002	IEEE	A	B			X			SF	SD	>33	>33	>33	NA	
	ERATORS	98A SA	E	VLV		323-7										HZ	HZ	HZ		
FW0009		09641	ASCO	MTD	A-02	1,344														
STEAM GEN MAIN	FLOW PRI	NS-CE-755				-71														FSE498A
FW ISOL VLV	MARY ELE		WPLB8300BG																	
1C E	MENT		1RU																	
FEEDWATER	VALVE OP	FSE 1FW04	WESTINGH'S		435002	IEEE	A	B			X			SF	SD	>33	>33	>33	NA	
	ERATORS	98B SB	E	VLV		323-7										HZ	HZ	HZ		
FW0009		09640	ASCO	MTD	A-02	1,344														
STEAM GEN MAIN	FLOW PRI	NS-CE-755				-71														FSE498B
FW ISOL VLV	MARY ELE		WPLB8300BG																	
1C E	MENT		1RU																	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
FEEDWATER	VALVES	2FW-F10SN -1	MASONEILAN	AB32 VLV	435174 223	ASME SECT	A	D			X								NA	FINAL REPRT
FW0009		05183	MASONEILAN	MTD	M-66	III														EXPE TED
S.G."B"FW FROM	FLOW	REPT#1066			50-M66															7/84
4FW6-78TO FIBV	CONTRO 3	1066		263.	M-20															
2FWMV124SB																				
FEEDWATER	VALVES	2FW-F10SN -1	MASONEILAN	AB32 VLV	435174 <	IEEE 344-	A	D	1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		09140	NAMCO	MTD	M-66M	75			1G	2G										
FW ISOLATION	LIMIT				50-M66				VERT	VERT										
BYPASS CONTROL	SWITCH	QTR-105		263.	M20															
VALNE	(1 OF 2)		EA-180																	
FEEDWATER	VALVES	2FW-F10SN -1	MASONEILAN	AB32 VLV	435174 223	IEEE 344-	A	C	1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		10788	NAMCO	MTD	M-66M	75			1G	2G										
S.G."B"FW FROM	LIMIT	QTR-105			50-M66				VERT	VERT										
4FW6-78TO FIBV	SWITCH		EA-180-	263.	M-20															
2FWMV124SB	(2 OF 2)																			
FEEDWATER	VALVES	2FW-F11SN -1	MASONIELEN	AB32 PIPE	435174 223	IEEE 344-	A	C			X								NA	FINAL REPORT
FW0009		05185		MTD	M-66M	75														EXPE TED
FW ISOLATION B	FLOW	REPT#1066			50-M66															7/84
YPASS CONTROL	CONTRO 3			263.	M-20															
VALME																				
FEEDWATER	VALVES	2FW-F11SN -1	MASONEILAN	AB32 VLV	435174 <	IEEE 344-	A	B	1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		09142	NAMCO	MTD	M-66M	75			1G	2G										R
S.G."C" FW FRO	LIMIT				50-M66				VERT	VERT										
M 4FW6-80 TO	SWITCH	QTR-105		263.	M20															
FIBE 2FW-V125S	(1 OF 2)		EA-180																	
FEEDWATER	VALVES	2FW-F11SN -1	MASONIELEN	AB32 PIPE	435174 223	IEEE 344-	A	C	1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		10789	NAMCO	MTD	M-66M	75			1G	2G										
FW ISOLATION	LIMIT				50-M66				VERT	VERT										
BYPASS CONTROL	SWITCH		EA-180	263.	M-20															
VALME	(2 OF 2)																			

TAGS INCLUDED: 2FW-F10SN-1 ----2FW-F9SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FEEDWATER FWF009 S.G."A" FW FROM 4FW6-76 TO FIBE 2FW-V123S	VALVES FLOW CONTRO 3	2FW-F9SN-1 05181 REPT#1066	BLAKE EQUIPMENT MASONEILAN 48-41411 40421	AB32 PIPE MTD 263.	435174 189 M-66M 50-466 M-20	ASME SECT III		B			X								NA	FINAL REPORT EXPE TED 7/84
FEEDWATER FW0009 FW ISOLATION BYPASS CONTROL VALEE	VALVES LIMIT SWITCH (1 OF 2)	2FW-F9SN-1 09144 QTR-105	MASONEILAN NAMCO EA-180	AB32 VLV MTD 263.	435174 < M-66M 50-466 M20	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
FEEDWATER FW0009 FW ISOLATION BYPASS CONTROL VALEE	VALVES LIMIT SWITCH (2 OF 2)	2FW-F9SN-1 1C790 QTR-105	MASONEILAN NAMCO EA-180-113 G2	AB32 VLV MTD 263.	435174 228 M-66 50-466 M-20	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
FEEDWATER FW0009 N	VALVES GLOBE 3	2FW-V123S AB-1 05182 REPORT NO.3191	ITT HAMMEL DAHL ITT HAMMEL DAHL V510LMC92E AZ9Z	AB32 PIPE MTD 265.	435176 061 M-66H 50-465 M-20	ASME SECT III 77ED WINTR 77ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
FEEDWATER FW0009 S.G."A" FW FROM 4FW6-76 TO FIBN 2FW-V123S	VALVES SOLENOID VALVE (10F2)	2FW-V123S AB-1 09145 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 265.	435176 < M-66H 50-466 M-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FW0009 FEEDWATER ISOLATION BY-NASS VALVE	VALVES LIMIT SWITCH (1 OF 4)	2FW-V123S AB-1 09146 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 267.	435176 < M-66H 50-466 M-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2FW-F9SN-1 ----2FW-V123SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
FEEDWATER FW0009 S.G."A" FW FROM 4FW6-76 TO FIBN 2FW-V123S	VALVES LIMIT SWITCH (2 OF 4)	2FW-V123S AB-1 10791 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 265.	435176 061 M-66H 50-M66 H-20	IEEE 344-75 WINTR 77ADD	A	D	1.5G HOR 1 G	3 G HOR 2 G	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
FEEDWATER FW0009 FEEDWATER ISOLATION BY-NASS VALVE	VALVES LIMIT SWITCH (3 OF 4)	2FW-V123S AB-1 10792 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV. MTD 265.	435176 061 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
FEEDWATER FW0009 FEEDWATER ISOLATION BY-NASS VALVE	VALVES LIMIT SWITCH (4 OF 4)	2FW-V123S AB-1 10793 QTR-105	ITT HAMMEL DAHL NAMCO V510LMC92E AZ9Z	AB32 PIPE MTD 265.	435174 061 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
FEEDWATER FW0009 S.G."A"FW FROM 4FW6-76 TO FIBN 2FW-V123S	VALVES SOLENOID VLV. (2 OF 2)	2FW-V123S AB-1 10794 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV. MTD 265.	435176 061 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
FEEDWATER FW0009 S.G."B" FW FROM 4FW6-78 TO FIBE 2FW-V124S	VALVES GLOBE 3	2FW-V124S AB-1 05184 REPORT NO.3191	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB32 VLV MTD 265.	435176 61 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP RV COMPUTER PROGRAM
FEEDWATER FW0009 FEEDWATER ISOLATION BY-NASS VALVE	VALVES SOLENOID VALVE (1 OF 2)	2FW-V124S AB-1 09147 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 267.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2FW-V123SAB-1 ----2FW-V124SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FEEDWATER	VALVES	2FW-V124S	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		AB-1	DAHL	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09148	NAMCO	MTD	M-66H	75			1G	2G										
FEEDWATER	LIMIT	QTR-105			59-M66				VERT	VERT										
ISOLATION	SWITCH		EA-180	267.	H-20															
BYPNSS VALVE	(1 OF 4)																			
FEEDWATER	VALVES	2FW-V124S	ITT HAMMEL	AB32	435176	IEEE	A	B	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		AB-1	DAHL	VLV.	061	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10795	NAMCO	MTD	M-66H	75			1 G	2 G										R
FEEDWATER	LIMIT	QTR-105			59-M66				VERT	VERT										
ISOLATION	SWITCH		EA-180	265.	H-20															
BYPESS VALVE	(2 OF 4)																			
FEEDWATER	VALVES	2FW-V124S	ITT HAMMEL	AB32	435176	IEEE	A	B	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		AB-1	DAHL	VLV	061	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10796	NAMCO	MTD	M-66H	75			1 G	2 G										R
S.G."B" FW FRO	LIMIT	QTR-105			59-M66				VERT	VERT										
M 4FW6-78 TO	SWITCH (		EA-180	265.	H-20															
FIBE 2FW-V124S	3 OF 4)																			
FEEDWATER	VALVES	2FW-V124S	ITT HAMMEL	AB32	435176	IEEE	A	B	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		AB-1	DAHL	VLV.	061	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10797	NAMCO	MTD	M-66H	75			1 G	2 G										R
FEEDWATER	LIMIT	QTR-105			59-M66				VERT	VERT										
ISOLATION	SWITCH		EA-180	265.	H-20															
BYPESS VALVE	(4 OF 4)																			
FEEDWATER	VALVES	2FW-V124S	ITT HAMMEL	AB32	435176	IEEE	A	B	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		AB-1	DAHL	VLV.	061	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10798	ASCO	MTD	M-66H	75			1 G	2 G										R
FEEDWATER	SOLENOID	ARR-67368			59-M66				VERT	VERT										
ISOLATION	VLV		NP8320A185	265.	H-20															
BY-EASS VALVE	(2 OF 2)		E																	
FEEDWATER	VALVES	2FW-V125S	ITT HAMMEL	AB32	435176	ASME	A	D	1.5G	3G	X		S	SF	SD	>33	>33	>33	NA	COMPUTER
		AB-1	DAHL	PIPE	061	SECT			HOR	HOR						HZ	HZ	HZ		ANAL USIN
FW0009		05186	ITT HAMMEL	MTD	M-66H	III			1G	2G										SAP V
	GLOBE	REPORT	DAHL		59-M66	77ED			VERT	VERT										COMPUTER
	3	NO.3191	V510LMC92E	265.	H-20	WINTR														PROGRAM
N			AZ9Z			77ADD														

TAGS INCLUDED: 2FW-V124SAB-1 ----2FW-V125SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FEEDWATER FWO009 FEEDWATER ISOLATION BY-PASN VALVE	VALVES SOLENOID VALVE (1 OF 2)	2FW-V125S AB-1 09149 AOR-67368	ITT HAMMEL DAHL ASCO NP8320A185 E	AB32 VLV MTD 267.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWO009 FEEDWATER ISOLATION BY-2FWNV125SA	VALVES LIMIT SWITCH (1 OF 4)	2FW-V125S AB-1 09150 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 265.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWO009 FEEDWATER ISOLATION BY-PASN VALVE	VALVES LIMIT SWITCH (2 OF 4)	2FW-V125S AB-1 10799 QTR-105	ITT HAMMEL DAHL NAMCO V510LMC92E AZ9Z	AB32 PIPE MTD 265.	435176 061 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
FEEDWATER FWO009 S.G."C" FW FROM 4FW6-80 TO FIBN 2FW-V125S	VALVES LIMIT SWITCH (3 OF 4)	2FW-V125S AB-1 10800 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 265.	435176 061 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
FEEDWATER FWO009 FEEDWATER ISOLATION BY-PASN VALVE	VALVES LIMIT SWITCH (4 OF 4)	2FW-V125S AB-1 10801 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 265.	435176 061 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
FEEDWATER FWO009 FEEDWATER ISOLATION BY-PASN VALVE	VALVES SOLENOID VALVE (2 OF 2)	2FW-V125S AB-1 10802 AOR-67368	ITT HAMMEL DAHL ASCO NP8320A185 E	AB32 VLV MTD 265.	435176 061 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	

TAGS INCLUDED: 2FW-V125SAB-1 ----2FW-V129SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES / STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
FEEDWATER FWOOO9 DRN ON STM GEN 1A-SN INLET E	VALVES GLOBE 1	2FW-V129S N-1 05175 952677-02	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
FEEDWATER FWOOO9 DRN ON STM GEN 1A-SN INLET E	VALVES GLOBE 1	2FW-V130S N-1 05176 952677-02	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
FEEDWATER FWOOO9 DRN ON STM GEN 1B-SN INLET E	VALVES GLOBE 1	2FW-V131S N-1 05177 952677-02	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
FEEDWATER FWOOO9 DRN ON STM GEN 1B-SN INLET E	VALVES GLOBE 1	2FW-V132S N-1 05178 952677-02	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
FEEDWATER FWOOO9 DRN ON STM GEN 1C-SN INLET E	VALVES GLOBE 1	2FW-V133S N-1 05179 952677-02	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
FEEDWATER FWOOO9 DRN ON STM GEN 1C-SN INLET E	VALVES GLOBE 1	2FW-V134S N-1 05180 952677-02	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2FW-V129SN-1 ----2FW-V135SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FEEDWATER FWOC09 S.G."A" INSTR. TAP FOR MAIN STMM FT474	VALVES GLOBE 3/4	2FW-V135S N-1 05187 952677-01	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 001 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOC09 S.G."A"INSTR. TAP FOR S.G. LT4E7	VALVES GLOBE 3/4	2FW-V136S N-1 05188 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
FEEDWATER FWOC09 S.G."A"INSTR. TAP FOR S.G. LT4M7	VALVES GLOBE 3/4	2FW-V137S N-1 05189 952677-01	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 001 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOC09 S.G. "B" INSTR. TAP FOR MAIN STM. FT484	VALVES GLOBE 3/4	2FW-V138S N-1 05190 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOC09 S.G. "B" INSTR. TAP FOR S.G. "B"MLT484	VALVES GLOBE 3/4	2FW-V139S N-1 05191 952677-01	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 001 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOC09 S.G. "B" INSTR. TAP FOR S.G. "B"ELT484	VALVES GLOBE 3/4	2FW-V140S N-1 05192 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-434 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2FW-V135SN-1 ----2FW-V141SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SOPT #	STDS	O I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FEEDWATER FW0009 S.G. "C" INSTR. TAP FOR MAIN STM FT494	VALVES GLOBE 3/4	2FW-V141S N-1 05193 952677-01	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FW0009 S.G. "C" INSTR. TAP FOR S.G. LTE97	VALVES GLOBE 3/4	2FW-V142S N-1 05194 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FW0009 S.G. "C" INSTR. TAP FOR S.G. LTM97	VALVES GLOBE 3/4	2FW-V143S N-1 05195 952677-01	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A C	1.5G HOR. 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FW0009 INSTRUMENT LINE TO FT475 M	VALVES GLOBE 3/4	2FW-V144S N-1 05196 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FW0009 INSTRUMENT LINE TO FT485 M	VALVES GLOBE 3/4	2FW-V145S N-1 05197 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FW0009 INSTRUMENT LINE TO FT495 M	VALVES GLOBE 3/4	2FW-V146S N-1 05198 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2FW-V141SN-1 ----2FW-V147SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O	I												
FEEDWATER	VALVES	2FW-V147S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05199	YARWAY	MTD	M-34Y	III			1G	2G										
FW INST. LINE	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
TO FT2002A	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
FEEDWATER	VALVES	2FW-V148S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05201	YARWAY	MTD	M-34Y	III			1G	2G										
FW INST. LINE	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
TO FT2002B	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
FEEDWATER	VALVES	2FW-V149S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05203	YARWAY	MTD	M-34Y	III			1G	2G										
FW INST. LINE	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
TO FT2002C	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
FEEDWATER	VALVES	2FW-V150S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05200	YARWAY	MTD	M-34Y	III			1G	2G										
FW INST. LINE	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
TO FT2002A	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
FEEDWATER	VALVES	2FW-V151S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05202	YARWAY	MTD	M-34Y	III			1G	2G										
FW INST. LINE	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
TO FT2002B	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
FEEDWATER	VALVES	2FW-V152S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05204	YARWAY	MTD	M-34Y	III			1G	2G										
FW INST. LINE	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
TO FT2002C	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														

TAGS INCLUDED: 2FW-V147SN-1 ----2FW-V153SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
FEEDWATER	VALVES	2FW-V153S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05205	YARWAY	MTD	M-34Y	III			1G	2G										
FW INST. LINE	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
TO FT2002A	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
FEEDWATER	VALVES	2FW-V154S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05207	YARWAY	MTD	M-34Y	III			1G	2G										
FW INST. LINE	GLOBE	950677-02			50-M34	74ED			VERT	VERT										
TO FT2002B	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
FEEDWATER	VALVES	2FW-V155S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05209	YARWAY	MTD	M-34Y	III			1G	2G										
FW INST. LINE	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
TO FT2002C	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
FEEDWATER	VALVES	2FW-V156S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05206	YARWAY	MTD	M-34Y	III			1G	2G										
FW INST. LINE	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
TO FT2002A	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
FEEDWATER	VALVES	2FW-V157S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05208	YARWAY	MTD	M-34Y	III			1G	2G										
FW INST. LINE	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
TO FT2002B	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
FEEDWATER	VALVES	2FW-V158S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05210	YARWAY	MTD	M-34Y	III			1G	2G										
FW INST. LINE	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
TO FT2002C	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														

TAGS INCLUDED: 2FW-V153SN-1 ----2FW-V163SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SPRT #	STDS	O	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FEEDWATER FWOOO9 WET LAY-UP CON N N	VALVES GLOBE 2	2FW-V163S N-1 06800 952677-04	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD	435056 003 M-34Y 50-M41 261.-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOOO9 WET LAY-UP CON N N	VALVES GLOBE 2	2FW-V164S N-1 06801 952677-04	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD	435056 003 M-34Y 50-M41 261.-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOOO9 WET LAY-UP CON N N	VALVES GLOBE 2	2FW-V165S N-1 06802 952677-04	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD	435056 003 M-34Y 50-M34 261.Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOOO9 FOR LT-0473 IV W M	VALVES GLOBE 3/4	2FW-V202S N-1 09865 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD	435056 001 M-34Y 50-M34 284.Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOOO9 FOR LT-0483 IV W M	VALVES GLOBE 3/4	2FW-V203S N-1 09866 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD	435056 001 M-34Y 50-M34 284.Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOOO9 FOR LT-0493 IV W M	VALVES GLOBE 3/4	2FW-V204S N-1 09867 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD	435056 001 M-34Y 50-M34 284.Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2FW-V163SN-1 ----2FW-V205SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS													
			MODEL NO	ELEV	SORT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
FEEDWATER	VALVES	2FW-V205S		CB41	435056	ASME	A	C	1.5G	3G	X		S	NA		>33	>33	>33	NA
		N-1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ	
FWC009		09868	YARWAY	MTD	M-34Y	III			1G	2G									
FOR LT-0473 IV	GLOBE	952677-01			50-M34	74ED			VERT	VERT									
W	3/4		5515B-SA	286.	Y-20	WINTR													
M			105			76ADD													
FEEDWATER	VALVES	2FW-V206S	YARWAY	CB41	435056	ASME	A	C	1.5G	3G	X		S	NA		>33	>33	>33	NA
		N-1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ	
FWD009		09869	YARWAY	MTD	M-34Y	III			1G	2G									
FOR LT-0483 IV	GLOBE	952677-01			50-M34	74ED			VERT	VERT									
W	3/4		5515B-SA	286.	Y-20	WINTR													
M			105			76ADD													
FEEDWATER	VALVES	2FW-V207S	YARWAY	CB41	435056	ASME	A	C	1.5G	3G	X		S	NA		>33	>33	>33	NA
		N-1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ	
FWC009		09870	YARWAY	MTD	M-34Y	III			1G	2G									
FOR LT-0493 IV	GLOBE	952677-01			50-M34	74ED			VERT	VERT									
W	3/4		5515B-SA	286.	Y-20	WINTR													
M			105			76ADD													
FEEDWATER	VALVES	2FW-V23SN	BORG WARNE	AB31	435193	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA
		-1	R CORP	PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ	
FWD009		05104	BORG WARNE	MTD	M-32F	III			1G	2G									
FROM 2FW-V26SA	CHECK	NSR465088	R CORP.		50-M32	74ED			VERT	VERT									
TO	16	1-1	465088B1-1	261	F-20														
PENNTRATION M-																			
FEEDWATER	VALVES	2FW-V24SN	BORG WARNE	AB31	435193	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA
		-1	R CORP	PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ	
FWC009		05107	BORG WARNE	MTD	M-32F	III			1G	2G									
FROM 2FW-V27SB	CHECK	NSR465088	R CORP.		50-M32	74ED			VERT	VERT									
TO	16	1-1	465088B1-1	261	F-20														
PENNTRATION M-																			
FEEDWATER	VALVES	2FW-V25SN	BORG WARNE	AB31	435193	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA
		-1	R CORP	PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ	
FWD009		05110	BORG WARNE	MTD	M-32F	III			1G	2G									
FROM 2FW-V28SA	CHECK	NSR465088	R CORP.		50-M32	74ED			VERT	VERT									
TO	16	1-1	465088B1-1	261	F-20														
PENNTRATION M-																			

TAGS INCLUDED: 2FW-V205SN-1 ----2FW-V26SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	ELDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
FEEDWATER	VALVES	2FW-V26SA	BORG WARNE	AB32	435193	ASME	A	C	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1	R CORP	PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05105	BORG WARNE	MTD	M-32F	III			1G	2G										
FROM 2FW-V26SA	GATE	NSR435QB8	R CORP.		50-M32	74ED			VERT	VERT										
TO	16	5-1	435QBB5-1	263.	F-20															
PENMTRATION M-																				ONLY
FEEDWATER	VALVES	2FW-V26SA	BORG WARNE	AB32	435193	IEEE	A	C	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1	R CORP	VLV	001	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09151	NAMCO	MTD	M-32F	75			1G	2G										
FEEDWATER	LIMIT	QTR-105			50-M32				VERT	VERT										
ISOLATION	SWITCH		EA180	263.	F-20															
M																				
FEEDWATER	VALVES	2FW-V26SA	BORG WARNE	AB32	435193	IEEE	A	C	2.3G	4.6G	X		S	NA		28	28	>33	NA	
		B-1	R	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09152	BORG WARNE	MTD	M-32F	75			2.3G	4.6G										
FEEDWATER	PNEUMATI	REPT#1736	R		50-M32				VERT	VERT										
ISOLATION	C HYDRAU	/57530	P/N82241	271.	F-20															
M	LIC OPER																			
FEEDWATER	VALVES	2FW-V26SA	BORG	AB32	435193	IEEE	A	C	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	WARNER	VLV	01	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10803	NAMCO	MTD	M-32F	75			1G	2G										
	LIMIT				50-M32				VERT	VERT										
PENETRATION	SWITCH	QTR-105	EA-180	263.	F-20															
M-4M	(1 OF 3)																			
FEEDWATER	VALVES	2FW-V26SA	BORG WARNE	AB32	435193	IEEE	A	C	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	R	VLV	0	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10804		MTD	M-32F	75			1G	2G										
	LIMIT	QTR-105	NAMCO		50-M32				VERT	VERT										
PENETRATION	SWITCH			263.	F-20															
M-4M	(2 OF 3)		EA-180																	
FEEDWATER	VALVES	2FW-V26SA		AB32				D												
		B-1			<															
FW0009		10805	NAMCO																	
PENETRATION	(			263.																
M-4N	3 OF 3)																			

TAGS INCLUDED: 2FW-V26SAB-1 ----2FW-V27SAB-1 -
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
FEEDWATER	VALVES	2FW-V27SA	BORG WARNE	AB32	435193	IEEE	A	D	2.3G	4.6G	X		S	NA		28	28	69	NA	
		B-1	R	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09153	BORG WARNE	MTD	M-32F	75			2.3G	4.6G										
FEEDWATER	ELECTRO-	REPORT #	R		50-M32				VERT	VERT										
ISOLATION	HYDRAULI	5753C	P/N382241	271.	F-20															
VALNE	C OPERAT																			
FEEDWATER	VALVES	2FW-V27SA	BORG WARNE	AB32	435193	IEEE	A	D	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	R CORP	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09154	NAMCO	MTD	M-32F	75			1G	2G										
FROM 2FW-V27SB	LIMIT	QTR-105			50-M32				VERT	VERT										
TO PENETRATION	SWITCH		EA-180	263.	F-20															
M-5N																				
FEEDWATER	VALVES	2FW-V27SA	BORP WARNE	AB32	435193	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1	R CORP	PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		10806	BORG WARNE	MTD	M-32F	III			1G	2G										
ISOLATION VALV	GATE	NSR135QBB	R		50-M32	74ED			VERT	VERT										
E	16	5-1	435QBB5-1	263.	F-20															
N																				
FEEDWATER	VALVES	2FW-V27SA	BORG	AB32	435193	IEEE	A	D	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	WARNER	VLV	010	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10807	NAMCO	MTD	M-32F	75			1G	2G										
	LIMIT				50-M32				VERT	VERT										
ISOLATION	SWITCH	QTR-105	EA-180	263.	F-20															
VALNE	(2 OF 3)																			
FEEDWATER	VALVES	2FW-V27SA	BORG WARNE	AB32	435193	IEEE	A	D	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	R CORP	VLV	001	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10808		MTD	M-32F	75			1G	2G										
FROM 2FW-V27SB	LIMIT	QTR-105	NAMCO		50-M32				VERT	VERT										
TO	SWITCH			263.	F-20															
PENNTRATION M-	(3 OF 3)		EA-180																	
FEEDWATER	VALVES	2FW-V28SA	BORG WARNE	AB32	435193	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1	R CORP	PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05111	BORG WARNE	MTD	M-32F	III			1G	2G										
FROM 2FW-V28SA	GATE	NSR435QBB	R CORP.		50-M32	74ED			VERT	VERT										
TO	16	5-1	435QBB5-1	263.	F-20															
PENNTRATION M-																				

TAGS INCLUDED: 2FW-V27SAB-1 ----2FW-V28SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STOS	Q	I											
FEEDWATER FWOC09 FEEDWATER ISOLATION VALNE	VALVES ELECTRO-HYDRAULIC OPERAT	2FW-V28SA B-1 09155 REPORT # /57530	BORG WARNER BORG WARNER P/N82241	AB32 VLV MTD 271.	435193 < M-32F 50-M32 F-20	IEEE 344-75	A	D	2.3G HOR 2.3G VERT	4.6G HOR 4.6G VERT	X		S	NA		28 HZ	28 HZ	69 HZ	NA	
FEEDWATER FWOC09 FEEDWATER ISOLATION VALNE	VALVES LIMIT SWITCH (1 OF 3)	2FW-V28SA B-1 09156 QTR-105	BORG WARNER NAMCO EA-180	AB32 VLV MTD 263.	435193 < M-32F 50-M32 F-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOC09 TO PENETRATION M-6N	VALVES LIMIT SWITCH (2 OF 3)	2FW-V28SA B-1 10809 QTR-105	BORG WARNER NAMCO E-180	AB32 VLV MTD 263.	435193 01 M32F 50-M32 F-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOC09 TO PENETRATION M-6N	VALVES SWITCH (2 OF 3)	2FW-V28SA B-1 10810 QTR-105	BORG WARNER NAMCO R EA-180	AB32 VLV MTD 263.	435193 01 M32F F-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOC09 TO PENETRATION M-6N	VALVES LIMIT SWITCH (3 OF 3)	2FW-V28SA B-1 10811 QTR-105	BORG WARNER NAMCO EA-180	AB32 VLV MTD 263.	435193 01 M32F 50-M32 F-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOC09 FEEDWATER DRAIN ON 2FWN6-13SN-1	VALVES GLOBE 1	2FW-V34SN -1 05115 952677-02	YARWAY YARWAY 55158-SA 105	AB31 PIPE MTD 261.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2FW-V28SAB-1 ----2FW-V35SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS														
			MODEL NO	ELEV	SORT #		Q	I												
FEEDWATER	VALVES	2FW-V35SN	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05116	YARWAY	MTD	M-34Y	III			1G	2G										
FEEDWATER DRAI	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
N ON	1		5515B-SA	261.	Y-20	WINTR														
2FWN6-13SN-1			105			76ADD														
FEEDWATER	VALVES	2FW-V36SN	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05117	YARWAY	MTD	M-34Y	III			1G	2G										
FEEDWATER DRAI	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
N ON	1		5515B-SA	261.	Y-20	WINTR														
2FW16-15SN-1			105			76ADD														
FEEDWATER	VALVES	2FW-V37SN	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05118	YARWAY	MTD	M-34Y	III			1G	2G										
FEEDWATER DRAI	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
N ON	1		5515B-SA	261.	Y-20	WINTR														
2FW16-15SN-1			105			76ADD														
FEEDWATER	VALVES	2FW-V38SN	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05119	YARWAY	MTD	M-34Y	III			1G	2G										
FEEDWATER DRAI	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
N ON	1		5515B-SA	261.	Y-20	WINTR														
2FW16-17SN-1			105			76ADD														
FEEDWATER	VALVES	2FW-V39SN	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05120	YARWAY	MTD	M-34Y	III			1G	2G										
FEEDWATER DRAI	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
N ON	1		5515B-SA	261.	Y-20	WINTR														
2FW16-17SN-1			105			76ADD														
FEEDWATER	VALVES	2FW-V41SN	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05121	YARWAY	MTD	M-34Y	III			1G	2G										
PT 2C01A CONN	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ON STM GEN 1A-	1		5515B-SA	261.	Y-20	WINTR														
SN INLET			105			76ADD														

TAGS INCLUDED: 2FW-V35SN-1 ----2FW-V42SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
FEEDWATER	VALVES	2FW-V42SN-1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	D	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FWC009		05122	YARWAY	MTD	M-34Y	III			1G	2G										
PT 2001A CONN	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ON STM GEN 1A-	1		5515B-SA	261.	Y-20	WINTR														
SN INLET			105			76ADD														
FEEDWATER	VALVES	2FW-V43SN-1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	D	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FWC009		05123	YARWAY	MTD	M-34Y	III			1G	2G										
PT 2001C CONN	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ON STM GEN 1C-	1		5515B-SA	261.	Y-20	WINTR														
SN INLET			105			76ADD														
FEEDWATER	VALVES	2FW-V44SN-1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	D	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FWC009		05124	YARWAY	MTD	M-34Y	III			1G	2G										
PT 2001C CONN	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ON STM GEN 1C-	1		5515B-SA	261.	Y-20	WINTR														
SN INLET			105			76ADD														
FEEDWATER	VALVES	2FW-V45SN-1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	D	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FWC009		05125	YARWAY	MTD	M-34Y	III			1G	2G										
PT 2001B CONN	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ON STM GEN 1B-	1		5515B-SA	261.	Y-20	WINTR														
SN INLET			105			76ADD														
FEEDWATER	VALVES	2FW-V46SN-1	YARWAY	AB31 PIPE	435056 002	ASME SECT.	A	D	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FWC009		05126	YARWAY	MTD	M-34Y	III			1G	2G										
PT 2001B CONN	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ON STM GEN 1B-	1		5515B-SA	261.	Y-20	WINTR														
SN INLET			105			76ADD														
FEEDWATER	VALVES	2FW-V47SN-1	YARWAY	CP41 PIPE	435056 001	ASME SECT	A	C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FWC009		05127	YARWAY	MTD	M-34Y	III			1G	2G										
STM GEN 1A-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	284.	Y-20	WINTR														
M			105			76ADD														

TAGS INCLUDED: 2FW-V42SN-1 ----2FW-V48SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES / STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
FEEDWATER	VALVES	2FW-V48SN-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009 STM GEN 1A-SN TO INSTR E	GLOBE 3/4	05128 952677-01	YARWAY 5515B-SA 105	MTD 285.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										R
FEEDWATER	VALVES	2FW-V49SN-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009 STM GEN 1A-SN TO INSTR M	GLOBE 3/4	05129 952677-01	YARWAY 5515B-SA 105	MTD 285.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										
FEEDWATER	VALVES	2FW-V50SN-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009 STM GEN 1A-SN TO INSTR E	GLOBE 3/4	05130 952677-01	YARWAY 5515B-SA 105	MTD 285.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										R
FEEDWATER	VALVES	2FW-V51SN-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009 STM GEN 1A-SN TO INSTR E	GLOBE 3/4	05131 952677-01	YARWAY 5515B-SA 105	MTD 285.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										R
FEEDWATER	VALVES	2FW-V52SN-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009 STM GEN 1A-SN TO INSTR M	GLOBE 3/4	05132 952677-01	YARWAY 5515B-SA 105	MTD 285.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										
FEEDWATER	VALVES	2FW-V53SN-1	YARWAY	CB31 PIPE	435056 001	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009 STM GEN 1A-SN TO INSTR E	GLOBE 3/4	05133 952677-01	YARWAY 5515B-SA 105	MTD 261.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										R

TAGS INCLUDED: 2FW-V48SN-1 ----2FW-V54SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FEEDWATER	VALVES	2FW-V54SN -1	YARWAY	CB31 PIPE	435056 001	ASME SECT	A	C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		05134	YARWAY	MTD	M-34Y	III			1G	2G										
STM GEN 1A-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	261.	Y-20	WINTR														
M			105			76ADD														
FEEDWATER	VALVES	2FW-V55SN -1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		05135	YARWAY	MTD	M-34Y	III			1G	2G										R
STM GEN 1A-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
E			105			76ADD														
FEEDWATER	VALVES	2FW-V56SN -1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		05136	YARWAY	MTD	M-34Y	III			1G	2G										
STM GEN 1A-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
M			105			76ADD														
FEEDWATER	VALVES	2FW-V57SN -1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		05137	YARWAY	MTD	M-34Y	III			1G	2G										R
STM GEN 1A-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
E			105			76ADD														
FEEDWATER	VALVES	2FW-V58SN -1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		05138	YARWAY	MTD	M-34Y	III			1G	2G										
STM GEN 1A-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
M			105			76ADD														
FEEDWATER	VALVES	2FW-V59SN -1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		05139	YARWAY	MTD	M-34Y	III			1G	2G										R
STM GEN 1A-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
E			105			76ADD														

TAGS INCLUDED: 2FW-V54SN-1 ----2FW-V60SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #															
FEEDWATER	VALVES	2FW-V60SN-1	YARWAY	CB41	435056	ASME	A	C	1.5G	3G	X		S	NA		>33	>33	>33	NA	
				PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05140	YARWAY	MTD	M-34Y	III			1G	2G										
STM GEN 1A-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
M			105			76ADD														
FEEDWATER	VALVES	2FW-V61SN-1	YARWAY	CB41	435056	ASME	A	C	1.5G	3G	X		S	NA		>33	>33	>33	NA	
				PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05141	YARWAY	MTD	M-34Y	III			1G	2G										
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
M			105			76ADD														
FEEDWATER	VALVES	2FW-V62SN-1	YARWAY	CB41	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
				PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05142	YARWAY	MTD	M-34Y	III			1G	2G										R
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
E			105			76ADD														
FEEDWATER	VALVES	2FW-V63SN-1	YARWAY	CB41	435056	ASME	A	C	1.5G	3G	X		S	NA		>33	>33	>33	NA	
				PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05143	YARWAY	MTD	M-34Y	III			1G	2G										
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
M			105			76ADD														
FEEDWATER	VALVES	2FW-V64SN-1	YARWAY	CB41	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
				PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05144	YARWAY	MTD	M-34Y	III			1G	2G										R
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
E			105			76ADD														
FEEDWATER	VALVES	2FW-V65SN-1	YARWAY	CB41	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
				PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05145	YARWAY	MTD	M-34Y	III			1G	2G										R
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
E			105			76ADD														

TAGS INCLUDED: 2FW-V60SN-1 ----2FW-V66SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
FEEDWATER	VALVES	2FW-V66SN	YARWAY	CB41	435056	ASME	A	C	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05146	YARWAY	MTD	M-34Y	III			1G	2G										
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
M			105			76ADD														
FEEDWATER	VALVES	2FW-V67SN	YARWAY	CB41	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05147	YARWAY	MTD	M-34Y	III			1G	2G										R
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
E			105			76ADD														
FEEDWATER	VALVES	2FW-V68SN	YARWAY	CB41	435056	ASME	A	C	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05148	YARWAY	MTD	M-34Y	III			1G	2G										
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
M			105			76ADD														
FEEDWATER	VALVES	2FW-V69SN	YARWAY	CB31	435056	ASME	A	C	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05149	YARWAY	MTD	M-34Y	III			1G	2G										
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	261.	Y-20	WINTR														
M			105			76ADD														
FEEDWATER	VALVES	2FW-V70SN	YARWAY	CB31	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05150	YARWAY	MTD	M-34Y	III			1G	2G										R
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	261.	Y-20	WINTR														
E			105			76ADD														
FEEDWATER	VALVES	2FW-V71SN	YARWAY	CB41	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
FW0009		05151	YARWAY	MTD	M-34Y	III			1G	2G										R
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR														
E			105			76ADD														

TAGS INCLUDED: 2FW-V66SN-1 ----2FW-V72SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLP	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
FEEDWATER	VALVES	2FW-V72SN -1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		05152	YARWAY	MTD	M-34Y	III		1G	2G										
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED		VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR													
M			105			76ADD													
FEEDWATER	VALVES	2FW-V73SN -1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		05153	YARWAY	MTD	M-34Y	III		1G	2G										R
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED		VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR													
E			105			76ADD													
FEEDWATER	VALVES	2FW-V74SN -1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		05154	YARWAY	MTD	M-34Y	III		1G	2G										
STM GEN 1C-SN	GLOBE	952677-01			50-M34	74ED		VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR													
M			105			76ADD													
FEEDWATER	VALVES	2FW-V75SN -1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		05155	YARWAY	MTD	M-34Y	III		1G	2G										R
STM GEN 1B-SN	GLOBE	952677-01			50-M34	74ED		VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR													
E			105			76ADD													
FEEDWATER	VALVES	2FW-V76SN -1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		05156	YARWAY	MTD	M-34Y	III		1G	2G										
STM GEN 1B-SN	GLOBE	952677-01			50-M34	74ED		VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR													
M			105			76ADD													
FEEDWATER	VALVES	2FW-V77SN -1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009		05157	YARWAY	MTD	M-34Y	III		1G	2G										R
STM GEN 1B-SN	GLOBE	952677-01			50-M34	74ED		VERT	VERT										
TO INSTR	3/4		5515B-SA	286.	Y-20	WINTR													
E			105			76ADD													

TAGS INCLUDED: 2FW-V72SN-1 ----2FW-V78SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REVW- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FEEDWATER	VALVES	2FW-V78SN-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009 STM GEN 1B-SN TO INSTR M	GLOBE 3/4	05158 952677-01	YARWAY 5515B-SA 105	MTD 286.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										
FEEDWATER	VALVES	2FW-V79SN-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009 STM GEN 1B-SN TO INSTR E	GLOBE 3/4	05159 952677-01	YARWAY 5515B-SA 105	MTD 286.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										R
FEEDWATER	VALVES	2FW-V80SN-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009 STM GEN 1B-SN TO INSTR M	GLOBE 3/4	05160 952677-01	YARWAY 5515B-SA 105	MTD 286.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										
FEEDWATER	VALVES	2FW-V81SN-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009 STM GEN 1B-SN TO INSTR M	GLOBE 3/4	05161 952677-01	YARWAY 5515B-SA 105	MTD 286.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										
FEEDWATER	VALVES	2FW-V82SN-1	YARWAY	CB41	435056 001	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009 STM GEN 1B-SN TO INSTR E	GLOBE 3/4	05162 952677-01	YARWAY 5515B-SA 105	286	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										R
FEEDWATER	VALVES	2FW-V83SN-1	YARWAY	CB31 PIPE	435056 001	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FW0009 STM GEN 1B-SN TO INSTR E	GLOBE 3/4	05162 952677-01	YARWAY 5515B-SA 105	MTD 261.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										R

TAGS INCLUDED: 2FW-V78SN-1 ----2FW-V84SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FEEDWATER FW0009 STM GEN 1B-SN TO INSTR M	VALVES GLOBE 3/4	2FW-V84SN -1 05164 952677-01	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FW0009 STM GEN 1B-SN TO INSTR M	VALVES GLOBE 3/4	2FW-V85SN -1 05165 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FW0009 STM GEN 1B-SN TO INSTR E	VALVES GLOBE 3/4	2FW-V86SN -1 05166 952677-01	WESTINGH'S E YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 189 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
FEEDWATER FW0009 STM GEN 1B-SN TO INSTR E	VALVES GLOBE 3/4	2FW-V87SN -1 05167 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
FEEDWATER FW0009 STM GEN 1B-SN TO INSTR M	VALVES GLOBE 3/4	2FW-V88SN -1 05168 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FW0009 CHEMICAL INJECTION ISONATION VLV	VALVES GLOBE 1	2FW-V89SA B-1 05169 REPORT NO.3054	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB32 VLV MTD 263.	435176 125 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMP CODE SAP IV

TAGS INCLUDED: 2FW-V84SN-1 ----2FW-V89SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
FEEDWATER	VALVES	2FW-V89SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09157	ASCO	MTD	M-66H	75			1G	2G										
CHEMICAL	SOLENOID	AQR-67368			50-M66				VERT	VERT										
INJECTION	VALVE		NP8320A175	272.	H-20															
ISONATION			E																	
FEEDWATER	VALVES	2FW-V89SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	125	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09158	NAMCO	MTD	M-66H	75			1G	2G										
CHEMICAL	LIMIT	QTR-105			50-M66				VERT	VERT										
INJECTION	SW ITCH(		EA-180	272.	H-20															
ISONATION	1 OF 4)																			
FEEDWATER	VALVES	2FW-V89SA	ITT-HAMMEL	AB32	435176	IEEE	A		1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	125	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10812	ASCO	MTD	M66H	75			1 G	2 G										
CHEMICAL	SOLENOID				50-M66				VERT	VERT										
INJECTION	VLV	AQR-67368	NP8320A175	263.	H-20															
ISOLATION VLV			E																	
FEEDWATER	VALVES	2FW-V89SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	125	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10813	NAMCO	MTD	M66H	75			1 G	2 G										
CHEMICAL	LIMIT				50-M66				VERT	VERT										
INJECTION	SWITCH	QTR-105	EA-180	263.	H-20															
ISONATION	(2 OF 4)																			
FEEDWATER	VALVES	2FW-V89SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	125	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10814	NAMCO	MTD	M66H	75			1 G	2 G										
CHEMICAL	LIMIT				50-M66				VERT	VERT										
INJECTION	SWITCH	QTR-105	EA-180	263.	H-20															
ISONATION	(3 OF 4)																			
FEEDWATER	VALVES	2FW-V89SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	125	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10815	NAMCO	MTD	M66H	75			1 G	2 G										
CHEMICAL	LIMIT				50-M66				VERT	VERT										
INJECTION	SWITCH		EA-180	263.	H-20															
ISONATION	(4 OF 4)																			

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
FEEDWATER FWOOO9 ISOLATION VAL N	VALVES GLOBE 1	2FW-V90SA B-1 05170 REPORT NO.3054	ITT HAMMEL DAHL ITT HAMMEL DAHL V512FNC62C AZ9Z	AB32 PIPE MTD 263.	435176 124 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
FEEDWATER FWOOO9 CHEMICAL INJECTION ISOLATION	VALVES SOL. VAL (1 OF 2)	2FW-V90SA B-1 09159 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 273.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FEEDWATER FWOOO9 CHEMICAL INJECTION ISONATION	VALVES LIMIT SW ITCH(1 OF 4)	2FW-V90SA B-1 09160 QTR-1C5	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
FEEDWATER FWOOO9 ISOLATION VAL N	VALVES LIMIT SW ITCH((2 OF 4)	2FW-V90SA B-1 10816 QTR-1C5	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 124 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
FEEDWATER FWOOO9 FROM AMMONIA C AR 2165 G-053 TO NFW16-12	VALVES LIMIT SW ITCH(3 OF 4)	2FW-V90SA B-1 10817 QTR-1C5	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 124 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
FEEDWATER FWOOO9 CHEMICAL INJECTION ISONATION	VALVES LIMIT SWITCH (4 OF 4)	2FW-V90SA B-1 10818 QTR-1C5	ITT HAMMEL DAHL NAMCO V512FNC62C AZ9Z	AB32 PIPE MTD 263.	435176 124 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2FW-V90SAB-1 ----2FW-V90SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
FEEDWATER	VALVES	2FW-V90SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	124	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10819	ASCO	MTD	M66H	75			1 G	2 G										
CHEMICAL	SOLENOID				50-M66				VERT	VERT										
INJECTION	VLV	AQR-67368	NP8320A175	263.	H-20															
ISONATION			E																	
FEEDWATER	VALVES	2FW-V91SA	ITT HAMMEL	AB32	435176	ASME	A	D	1.5G	3G	X		S	SF	SD	>33	>33	>33	NA	COMP CODE
		B-1	DAHL	VLV	124	SECT			HOR	HOR						HZ	HZ	HZ		SAP IV
FW0009		05174	ITT HAMMEL	MTD	M-66H	III			1G	2G										
CHEMICAL	GLOBE	REPORT	DAHL		50-M66	77ED			VERT	VERT										
INJECTION	1	NO.3054	NP8320A175	263.	H-20	WINTR														
ISONATION			E			77ADD														
FEEDWATER	VALVES	2FW-V91SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09161	ASCO	MTD	M-66H	75			1 G	2 G										
CHEMICAL	SOLENOID	AQR-67368			50-M66				VERT	VERT										
INJECTION	VALVE		NP8320A175	272.	H-20															
ISONATION	(1 OF 2)		E																	
FEEDWATER	VALVES	2FW-V91SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09162	NAMCO	MTD	M-66H	75			1 G	2 G										
CHEMICAL	LIMIT	QTR-105			50-M66				VERT	VERT										
INJECTION	SWITCH		EA-180	272.	H-20															
ISONATION	(1 OF 4)																			
FEEDWATER	VALVES	2FW-V91SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	124	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10820	NAMCO	MTD	M66H	75			1 G	2 G										
CHEMICAL	LIMIT				50-M66				VERT	VERT										
INJECTION	SWITCH	QTR-105	EA-180	263.	H-20															
ISONATION	(2 OF 4)																			
FEEDWATER	VALVES	2FW-V91SA	ITT HAMMEL	AB32	435176			D												
		B-1	DAHL	VLV	124															
FW0009		10821	NAMCO	MTD	M66H															
CHEMICAL	LIMIT				50-M66															
INJECTION	SWITCH	QTR-105	EA-180	263.	H-20															
ISONATION	(3 OF 4)																			

TAGS INCLUDED: 2FW-V90SAB-1 ----2FW-V91SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	QA/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FEEDWATER	VALVES	2FW-V91SA	ITT HAMMEL	AB32	435176	IEEE	A		1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	124	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10822	NAMCO	MTD	M66H	75			1 G	2 G										
CHEMICAL	LIMIT				50-M66				VERT	VERT										
INJECTION	SWITCH	QTR-105	EA-180	263.	H-20															
ISOLATION	(4 OF 4)																			
FEEDWATER	VALVES	2FW-V91SA	ITT HAMMEL	AB32	435176	IEEE	A		1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	124	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10823	ASCO	MTD	M66H	75			1 G	2 G										
CHEMICAL	SOLENOID				50-M66				VERT	VERT										
INJECTION	VLV	AQR-67368	NP8320A175	263.	H-20															
ISOLATION	(2 OF 2)		E																	
FEEDWATER	VALVES	2FW-V92SA	ITT HAMMEL	AB32	435176	ASME	A	D	1.5G	3G	X		S	SF	SD	>33	>33	>33	NA	COMP CODE
		B-1	DAHL	PIPE	125	SECT			HOR	HOR						HZ	HZ	HZ		SAP IV
FW0009		05173	ITT HAMMEL	MTD	M-66H	III			1G	2G										
ISOLATION VAL	GLOBE	REPORT	DAHL		50-M66	77ED			VERT	VERT										
	1	NO.3054	V512FNC62C	263.	H-20	WINTR														
N			AZ9Z			77ADD														
FEEDWATER	VALVES	2FW-V92SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09163	ASCO	MTD	M-66H	75			1 G	2 G										
CHEMICAL	SOLENOID	AQR-67368			50-M66				VERT	VERT										
INJECTION	VALVE		NP8320A175	263.	H-20															
ISONATION			E																	
FEEDWATER	VALVES	2FW-V92SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09164	NAMCO	MTD	M-66H	75			1 G	2 G										
CHEMICAL	LIMIT	QTR-105			50-M66				VERT	VERT										
INJECTION	SW ITCH(		EA-180	272.	H-20															
ISONATION	1 OF 4)																			
FEEDWATER	VALVES	2FW-V92SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	PIPE	125	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10824	NAMCO	MTD	M-66H	75			1 G	2 G										
CHEMICAL	LIMIT				50-M66				VERT	VERT										
INJECTION	SWITCH	QTR-105	V512FNC62C	263.	H-20															
ISONATION	(2 OF 4)		AZ9Z																	

TAGS INCLUDED: 2FW-V91SAB-1 ----2FW-V92SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
FEEDWATER	VALVES	2FW-V92SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	125	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10825	NAMCO	MTD	M66H	75			1 G	2 G										
CHEMICAL	LIMIT				50-M66				VERT	VERT										
INJECTION	SWITCH	QTR-105	EA-180	263.	H-20															
ISONATION	(3 OF 4)																			
FEEDWATER	VALVES	2FW-V92SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	125	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10826	NAMCO	MTD	M66H	75			1 G	2 G										
CHEMICAL	LIMIT				50-M66				VERT	VERT										
INJECTION	SWITCH	QTR-105	EA-180	263.	H-20															
ISONATION	(4 OF 4)																			
FEEDWATER	VALVES	2FW-V93SA	ITT HAMMEL	AB32	435176	ASME	A	D	1.5G	3G	X		S	SF	SD	>33	>33	>33	NA	COMPUTER
		B-1	DAHL	VLV	125	SECT			HOR	HOR						HZ	HZ	HZ		ANAL USIN
FW0009		05171	ITT HAMMEL	MTD	M-66H	III			1G	2G										SAP V
FROM HYDRAZINE	GLOBE	REPORT	DAHL		50-M66	77ED			VERT	VERT										COMPUTER
CAP 2165 G-05	1	NO.3054	NP8320A175	263.	H-20	WINTR														PROGRAM
3 TN 4FW16-17			E			77ADD														
FEEDWATER	VALVES	2FW-V93SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09165	ASCO	MTD	M-66H	75			1 G	2 G										
CHEMICAL	SOLENOID	AQR-67368			50-M66				VERT	VERT										
INJECTION	VALVE		NP8320A175	272.	H-20															
ISONATION			E																	
FEEDWATER	VALVES	2FW-V93SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		09166	NAMCO	MTD	M-66H	75			1 G	2 G										
CHEMICAL	LIMIT	QTR-105			50-M66				VERT	VERT										
INJECTION	SW ITCH(		EA-180	272.	H-20															
ISONATION	1 OF 4)																			
FEEDWATER	VALVES	2FW-V93SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	125	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10828	ASCO	MTD	M66H	75			1 G	2 G										
CHEMICAL	SOLENOID				50-M66				VERT	VERT										
INJECTION	VLV	AQR-67368	NP8320A175	263.	H-20															
ISONATION			E																	

TAGS INCLUDED: 2FW-V92SAB-1 ----2FW-V93SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
FEEDWATER FWC009 CHEMICAL INJECTION ISOLATION	VALVES LIMIT SWITCH (2 OF 4)	2FW-V93SA B-1 10829 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 125 M66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A
FEEDWATER FWC009 CHEMICAL INJECTION ISONATION	VALVES LIMIT SWITCH (3 OF 4)	2FW-V93SA B-1 10830 QTR-105	ITT HAMMEL DAHL NAMCO EA-180-113 02	AB32 VLV MTD 263.	435176 125 M66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A
FEEDWATER FWC009 CHEMICAL INJECTION ISOLATION	VALVES LIMIT SWITCH (4 OF 4)	2FW-V93SA B-1 10831 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 125 M66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A
FEEDWATER FWC009 ISOLATION VAL	VALVES GLOBE 1	2FW-V94SA B-1 05172 REPORT NO.3054	ITT HAMMEL DAHL ITT HAMMEL DAHL V512FNC62C AZ9Z	AB32 PIPE MTD 263.	435176 124 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
FEEDWATER FWC009 CHEMICAL INJECTION ISONATION	VALVES SOLENOID VALVE	2FW-V94SA B-1 09167 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV 272.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA
FEEDWATER FWC009 CHEMICAL INJECTION ISONATION	VALVES LIMIT SWITCH (1 OF 4)	2FW-V94SA B-1 09168 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA

TAGS INCLUDED: 2FW-V93SAB-1 ----2FW-V94SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
FEEDWATER	VALVES	2FW-V94SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	124	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10832	ASCO	MTD	M-66N	75			1 G	2 G										
FROM AMMONIA C	SOLENOID	AQR-67368							VERT	VERT										
AR 2165 G-053	VLV.		NP8320A175	263.																
TO NFW16-17			E																	
FEEDWATER	VALVES	2FW-V94SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	124	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10833	NAMCO	MTD	M66H	75			1 G	2 G										
CHEMICAL	LIMIT				50-M66				VERT	VERT										
INJECTION	SWITCH		EA-180	263.	H-20															
ISONATION	(2 OF 4)																			
FEEDWATER	VALVES	2FW-V94SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	PIPE	124	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10834	NAMCO	MTD	M-66H	75			1 G	2 G										
CHEMICAL	LIMIT				50-M66				VERT	VERT										
INJECTION	SWITCH	QTR-105	V512FNC62C	263.	H-20															
ISONATION	(3 OF 4)		AZ9Z																	
FEEDWATER	VALVES	2FW-V94SA	ITT HAMMEL	AB32	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	124	344-			HOR	HOR						HZ	HZ	HZ		
FW0009		10835	NAMCO	MTD	M-66N	75			1 G	2 G										
ISOLATION VAL	LIMIT	QTR-105			50-M66				VERT	VERT										
	SWITCH		EA-180	263.	H-20															
N	(4 OF 4)																			
FEEDWATER	VALVES	2FW-90SAB	ITT/HD	AB32	435176	IEEE			1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		-1		VLV	124	344			HOR	HOR						HZ	HZ	HZ		
FW0009		11612	NAMCO	MTD	M66H	-75			1G	2G										
CHEMICAL	LIMIT	QTR-105							VERT	VERT										
INJECTION	SWITCH		EA-180-113	272.																
ISOLATION	(4 OF 4)		D2																	
FEEDWATER	VALVES	3FW-F3SN-	WESTINGH'S	TB31	NSSS	ASME	A	B		2.1G	X	X	X	NA		>33	>33	>33	NA	W TAG NO
		1	E	PIPE	F479	SECT				IN 3						HZ	HZ	HZ		16FA37RG
FW0009		05103	COPES	MTD	S0220	III				DIR										R
FEED WTR FROM	FLOW		VULCAN INC																	
4FW30-11-1 TO	CONTROL	178321		270.																
2FWE6-13SN	16		16",900#,A																	

TAGS INCLUDED: 2FW-V94SAB-1 ----3FW-F4SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
			MODEL NO	ELEV	SQRT #														
FEEDWATER	VALVES	3FW-F4SN-1	WESTINGH'S E	TB31 PIPE	NSSS F493	ASME SECT	A	B		2.1G IN 3	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 16FA37RG R
FW0009		05106	COPES -	MTD	S0220	III				DIR									
FEED WTR FROM	FLOW		VULCAN INC																
4FW30-11 TO	CONTROL	178321		270.															
2FWE6-15SN SEC	16		16",900#,A																
FEEDWATER	VALVES	3FW-F5SN-1	WESTINGH'S E	TB31 PIPE	NSSS F493	ASME SECT	A	B		2.1G IN 3	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 16FA37RG R
FW0009		05109	COPES-		S0220	III				DIR									
FEED WTR FROM	FLOW		VULCAN INC																
4FW30-11 TO	CONTROL	178321		271.															
2FWE6-17SN-SPE	16		16",900#,A																
FEEDWATER	VALVES	3FW-F6-SN-1	MASONEILAN		435174	IEEE		B			X								N/A	QUALIFIED WITH VLV ASSEMBLY
FW0009		00686	MASONEILAN	VLV MTD	002 M-66M	344-1975													
MN FW CNTRL VL	TRANS-				50-M66														
V CONVERTER	DUCER		8005A		M20														
I/P 1FW04 79 S																			
FEEDWATER	VALVES	3FW-F6SN-1	MASONEILAN	TB31 PIPE	435174 002	IEEE 344-		C			X								NA	FINAL REPORT EXPECT 7/84
FW0009		05112		MTD	M-66M	1975													
FEEDWATER FCV-	FLOW				50-M66														
478 BYPASS	CONTRO 3	RPT#1066		270.	M-20														
			48-40411																
FEEDWATER	VALVES	3FW-F6SN-1	MASONEILAN		435174 <	IEEE 344-	A		1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
FW0009		09632	ASCO	VLV MTD	M66M	75			1G	2G									
STM GEN MAIN F	SOLENOID				50-M66				VERT	VERT									
WTR BYPASS VL	VALVE	AQR-67368			M20														
V 1A			NP832065V																
FEEDWATER	VALVES	3FW-F6SN-1	MASONEILAN	TB31 PIPE	435174 <	IEEE 344-					X								NA	
FW0009		11576	NAMCO	MTD	M-66M	75													
STM GEN MAIN F	LIMIT				50-M66														
WTR BYPASS VL	SWITCH			270.	M-20														
V 1A			48-40411																

TAGS INCLUDED: 3FW-F4SN-1 ----3FW-F7-SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
FEEDWATER FW0009 MN FW CNTRL VLV CONVERTER E	VALVES TRANSDUCER	3FW-F7-SN-1 00690 RPT#1066	MASONEILAN MASONEILAN 8005A	VLV MTD	435174 002 M66M 50-M66 M20	IEEE 344-1975	A B			X								NA	QUALIFIED WITH VLV ASSERBLY
FEEDWATER FW0009 STM GEN MAIN FWTR BYPASS VLV 1E	VALVES SOLENOID VALVE	3FW-F7-SN-1 09638 AQR-67368	MASONEILAN ASCO NP832065V	VLV MTD	435174 < M66M 50-M66 M-20	IEEE 344-75	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
FEEDWATER FW0009 FEEDWATER FCV-488 BYPASS E	VALVES FLOW CONTRO 3	3FW-F7SN-1 05113 1066	MASONEILAN MASONEILAN 48-40411	TB31 PIPE MTD 270.	435174 002 M-66M 50-M66 M-20	IEEE 344-1975	B											NA	FINAL REPORT EXPERTED 7/84
FEEDWATER FW0009 STM GEN MAIN FWTR BYPASS VLV 1E	VALVES LIMIT SWITCH	3FW-F7SN-1 11579	MASONEILAN NAMCO 48-40411	T931 PIPE MTD 270.	435174 < M-66M 50-M66 M-20	IEEE 344-75	B			X								NA	R
FEEDWATER FW0009 MN FW CNTRL VLV CONVERTER I/P 1FW0499 S	VALVES TRANSDUCER	3FW-F8-SN-1 00698	MASONEILAN MASONEILAN 8005A	VLV MTD	435174 < M66M 50-M66 M20	IEEE 344-1975	C			X								NA	QUALIFIED WITH VLV ASSEMBLY
FEEDWATER FW0009 STEAM GEN MAIN FW BYPASS VLV 1C	VALVES SOLENOID VALVE	3FW-F8-SN-1 09644 AQR-67368	MASONEILAN ASCO NP8320	VLV MTD	435174 < M66M 50-M66 M-20	IEEE 344-1975	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	

TAGS INCLUDED: 3FW-F7-SN-1 ----3FW-F8SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO. 925
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	O I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FEEDWATER FW0009 FEEDWATER FCV-498 BYPASS	VALVES FLOW CONTRO 3	3FW-F8SN-1 05114 RPT#1066	MASONEILAN MASONEILAN 48-40411	TB31 PIPE MTD 271.	435174 002 M-65M 50-M66 M-20	ASME SECT III				X								NA	FINAL REPORT EXPECTED 7/84
FEEDWATER FW0009 STM GEN MAIN F WTR BYPASS VL V 1B	VALVES LIMIT SWITCH	3FW-F8SN-1 09639	MASONEILAN NAMCO 48-40411	TB31 PIPE MTD 271.	435174 < M-65M 50-M66 M-20	IEEE 344-75				X								NA	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/PEC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
FIRE PROTECT. FP0071 FP TO CONTMT B LDG M	VALVES GLOBE 4	2FP-V44SA -1 05095 REPORT NO.3025	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB21 VLV MTD 241.	435176 216 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
FIRE PROTECT. FP0071 FAIL CLOSE M	VALVES SOLENOID VALVE	2FP-V44SA -1 09135 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB21 VLV MTD 241.	435176 216 M-66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FIRE PROTECT. FP0071 FAIL CLOSE E	VALVES LIMIT SWITCH	2FP-V44SA -1 09136 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB21 VLV MTD 241.	435176 216 M-66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
FIRE PROTECT. FP0071 FAIL CLOSE	VALVES LIMIT SWITCH (2 OF 2)	2FP-V44SA -1 11862	NAMCO EA-180-113 G2	AB21 241.																
FIRE PROTECT. FP0071 FAIL CLOSE N	VALVES GLOBE 6	2FP-V45SA -1 05093 REPORT NO.2973	ITT HAMMEL DAHL ITT HAMMEL DAHL V50GQGC82C A09Z	AB21 PIPE MTD 255.	435176 217 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
FIRE PROTECT. FP0071 FAIL CLOSE N	VALVES SOLENOID VALVE	2FP-V45SA -1 09137 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB21 VLV MTD 255.	435176 217 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2FP-V44SA-1 ----2FP-V45SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- D 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FIRE PROTECT. FPOO71 FP TO CONTMT B LDG SPRINKLER SYSN	VALVES LIMIT SWITCH	2FP-V45SA -1 09138 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB21 VLV MTD 255.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
FIRE PROTECT. FAIL CLOSE	VALVES LIMIT SWITCH (2 OF 2)	2FP-V45SA -1 11861	ITT HAMMEL DAHL NAMCO V5000GC82C A09Z	AB21 PIPE MTD 255.	435176 217 M-66H 50-M66 H-20															
FIRE PROTECT. FPOO71 FP TO CONTMT B LDG SPRINKLER SYSE	VALVES CHECK 6	2FP-V46SN -1 05094 SOE9074	ANCHOR DARLING V ANCHOR DARLING V 150#,CS	CB21 PIPE MTD 236.	435013 049 M-37A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
FIRE PROTECT. FPOO71 FP TEST CONN E	VALVES GLOBE 1	2FP-V47SN -1 05097 952677-02	YARWAY YARWAY 5515B-SA 105	CB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
FIRE PROTECT. FPOO71 FP TO CONTMT B LDG	VALVES CHECK 4	2FP-V48SN -1 05096 SOE5796	ANCHOR DARLING V ANCHOR DARLING V 150#,CS	CB1 PIPE MTD 236.	435013 008 M-33A 50-M33 A-20	ASME SECT III 71ED SUM 72ADD	A		1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
FIRE PROTECT. FPOO71 FP TEST CONN E	VALVES GLOBE 1	2FP-V49SN -1 05098 952677-02	YARWAY YARWAY 5515B-SA 105	CB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2FP-V45SA-1 ----3FP-V120SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST PEP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
FIRE PROTECT.	VALVES	3FP-V120S	TARGET ROC	AB31	435243	ASME	A	D	1.5G	3G	X		S	SF	MD	>33	>33	>33	NA	REF.
		B-1	K	PIPE	003	344-			HOR	HOR						HZ	HZ	HZ		DESIGN
FP0071		05099	TARGET ROC	MTD	M-73A	75			1G	2G										REPO T
MAKE-UP WATER	GLOBE 1"	TR#-28047	K		50-M73	ASME			VERT	VERT										2653D
FOR ESSENTIAL	SOLENOID	TRP2375	79Q-C08	267.	A-20	SECT														
SERNCHILLED WA	OPER VLV					III														
FIRE PROTECT.	VALVES	3FP-V121S	TARGET ROC	AB31	435243	ASME	A	D	1.5G	3G	X		S	SF	MD	>33	>33	>33	NA	REF.
		A-1	K	PIPE	003	344-			HOR	HOR						HZ	HZ	HZ		DESIGN
FP0071		05100	TARGET ROC	MTD	M-73A	75			1G	2G										REPO T
MAKE-UP WATER	GLOBE 1"	TR#-2804/	K		50-M73	ASME			VERT	VERT										2653D
FOR ESSENTIAL	SOLENOID	TRP2375	79Q-C08	267.	A-20	SECT														
SERNCHILLED WA	OPER VLV					III														
FIRE PROTECT.	VALVES	3FP-V132S	TARGET ROC	AB31	435243	ASME	A	C	1.5G	3G	X		S	SF	MD	>33	>33	>33	NA	REF.
		B-1	ROCK	PIPE	003	344-			HOR	HOR						HZ	HZ	HZ		DESIGN
FP0071		05101	TARGET ROC	MTD	M-73A	75			1G	2G										REPO T
MAKE-UP WATER	GLOBE 1"	TR#-2804/	ROCK		50-M73	ASME			VERT	VERT										2653D
FOR ESSENTIAL	SOLENOID	TRP2375	79Q-C08	267.	A-20	SECT														
SERPCHILLED WA	OPER VLV					III														
FIRE PROTECT.	VALVES	3FP-V133S	TARGET ROC	AB31	435243	ASME	A		1.5G	3G	X		S	SF	MD	>33	>33	>33	NA	REF.
		A-1	K	PIPE	003	344-			HOR	HOR						HZ	HZ	HZ		DESIGN
FPC071		05102	TARGET ROC	MTD	M-73A	75			1G	2G										REPORT
MAKE-UP WATER	GLOBE 1"	TR#-28047	K		50-M73	ASME			VERT	VERT										2653D
FOR ESSENTIAL	SOLENOID	TRP2375	79Q-C08	267.	A-20	SECT														
SERECHILLED WA	OPER VLV					III														

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO. 929
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FUEL HANDLING FH0099 FUEL HDLG MACHINE	FUEL HDLG MACHINE	NA 11741 453771	WESTINGHOUSE WESTINGHOUSE(GCAPAR) CUSTOM ORDER	RAIL MTD	NSSS S0185	CMAA-7	A		N-S .27G E-W .25G VERT .24G	N-S .47G E-W .38G VERT .41G	X		D	NA		<33 HZ	<33 HZ	<33 HZ	EL.286 VPT.5 HPT.3,5,18	

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	VAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	O	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HANDLING FH0099 FUEL TRANSFER TUBE	FUEL TRANSFER TUBE	NA 11740 203402	WESTINGHOUSE WESTINGHOUSE(IONICS) CUSTOM ORDER	WALL MTD TRT	NSSS S0185	ASME SECT TTI	A		N-S .19G E-W .21G VERT .18G	N-S .30G E-W .30G VERT .29G	X		X	NA		--	--	--	EL.250 VPT.5 HPT.8	ANALYZED AS PART OF CONTAINMENT STRUCTURE

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HANDLING FHC099 SPENT FUEL ASSY HDLG TOOL	FUEL ASY HDLG TOOL	NA 11739 427849	WESTINGHOUSE WESTINGHOUSE(RADRRM) CUSTOM ORDER	FHB CABLE MTD NA	NSSS S0185	ASME SECT III	A		5.0G VERT	X		S	NA		--	--	>33 HZ	NA	

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS		ZPA											
			MODEL NO	ELEV	SORT #		O I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HANDLING	HOIST LOAD MONITOR	NA	WESTINGHOUSE	FHB	VSSS	ASME	A		5.0G	X		S	NA		--	--	>33	NA	
FH0099		11742	WESTINGHOUSE	CABLE MTD		SECT			VERT								HZ		
HOIST LOAD MONITOR (MECH PARTS)		453771	SE(GCAPAR) CUSTOM ORDER	NA	S0185	TTI													

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO. 933
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I											
FUEL HANDLING	R.V.HEAD LIFTING	NA	WESTINGHOU SE	VESSL	NSSS	ASME	A		N-S	N-S	X		D	NA	<33	<33	<33	EL.286	
FH0099	RIG	11743	WESTINGHSE		S0185	SECT III			.33G E-W	.55G E-W					HZ	HZ	HZ	VPT.9 HPT.11	
R.V. HEAD LIFTING RIG (CRDM SUPPT)		17571	-PENSECOLA CUSTOM ORDER						.30G VERT .23G	.50G VERT .34G								EL.249 VPT.11 HPT.13	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAN.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I												
FUEL HNDL.BLDG HVAC 0170 MOVES AIR	AIR CLEANING UNITS FAN	AH-17(1A-SA) 06978 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3027	FH31 261.	435105 < 3E-08 90-3E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .20G H EW .20G V	.37G H NS .30G H EW .35G V	X	NA	NA	MF	MD	NA	NA	NA	FH3DBE 23,91, 155 FH8DBE 34,136 ,232	
FUEL HNDL.BLDG HVAC 0170 DRIVE FAN	AIR CLEANING UNITS MOTOR	AH-17(1A-SA) 06984 RLNCE# 798-A-68	BAHNSON RELIANCE 3027	FH31 261.	435105 < 3E-08 90-3E-08-20-S5B	IEEE 344-75,334 -74,3 23-74	A	.20G H NS .20G H EW .20G V	.37G H NS .30G H EW .35G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	FH3DBE 23,91, 155 FH8DBE 34,136 ,232	
FUEL HNDL.BLDG HVAC 0170 COOL AIR FOR ESF AHU	AIR CLEANING UNITS COOLING COIL	AH-17(1A-SA) 06980 CCL#A-205-79	BAHNSON CARRIER 28SW5420FK 6090BT	FH31 261.	435105 < 3E-08 90-3E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .20G H EW .20G V	.37G H NS .30G H EW .35G V	X	X	SD	NA	NA	NA	NA	NA	FH3DBE 23,91, 155 FH8DBE 34,136 ,232	
FUEL HNDL.BLDG HVAC 0170 COOLING OF SPACE	AIR CLEANING UNITS AIR HANDLING UNIT	AH-17(1A-SA) 06985 CCL#A-198-79-02	BAHNSON BAHNSON 3027	FH31 261.	435105 < 3E-08 90-3E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .20G H EW .20G V	.37G H NS .30G H EW .35G V	X	X	SD	NA	NA	NA	NA	NA	FH3DBE 23,91, 155 FH8DBE 34,136 ,232	
FUEL HNDL.BLDG HVAC 0170 DRAIN FOR COOLING COIL	AIR CLEANING UNITS DRAIN MANIFOLD	AH-17(1A-SA) 06983 CCL CALC 10-13-82	BAHNSON BAHNSON 261.	FH31	435105 < 3E-08 90-3E-08-20-S7	IEEE 344-75 ATSC CODE	A	.20G H NS .20G H EW .20G V	.37G H NS .30G H EW .35G V	X	NA	S	NA	NA	NA	NA	NA	FH3DBE 23,91, 155 FH8DBE 34,136 ,232	
FUEL HNDL.BLDG HVAC 0170 MOVES AIR	AIR CLEANING UNITS FAN	AH-17(1B-SB) 06979 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3027	FH31 261.	435105 < 3E-08 90-3E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .20G H EW .20G V	.37G H NS .30G H EW .35G V	X	NA	NA	MF	MD	NA	NA	NA	FH3DBE 23,91, 155 FH8DBE 34,136 ,232	

TAGS INCLUDED: AH-17(1A-SA) ----AH-17(1B-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- D 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	QO/ITM	QUAL CODES	STA	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
FUEL HNDL.BLDG HVAC 0170 DRIVE FAN	AIR CLEANING UNITS MOTOR	AH-17(1B-SB) 06988 RLNCE# 798-A-68	BAHNSON RELIANCE 256T	FH31 261.	435105 < 9E-08 90-9E-08-20-S5E	IEEE 344-7 5,334 -74,3 23-74	A	.20G H NS .20G H EW .20G V .30G H NS .30G H EW .35G V		X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	FH3DBE 23,91, 155 FH3DBE 34,136 ,232	
FUEL HNDL.BLDG HVAC 0170 COOL AIR FOR ESF AHU	AIR CLEANING UNITS COOLING COIL	AH-17(1B-SB) 06981 CCL#A-205-79	BAHNSON CARRIER 28SW5420FK 6090BT	FH31 261.	435105 < 9E-08 90-9E-08-20-S2A	IEEE 344-7 5 AS ME SEC-II, III	A	.20G H NS .20G H EW .20G V .30G H NS .30G H EW .35G V		X	X	SD	NA	NA	NA	NA	NA	FH3DBE 23,91, 155 FH3DBE 34,136 ,232	
FUEL HNDL.BLDG HVAC 0170 COOLING OF SPACE	AIR CLEANING UNITS AIR HANDLING UNIT	AH-17(1B-SB) 06989 CCL#A-198-79-02	BAHNSON BAHNSON	FH31 261.	435105 < 9E-08 90-9E-08-20-S1	IEEE 344-7 5 AS ME SEC-II, III	A	.20G H NS .20G H EW .20G V .30G H NS .30G H EW .35G V		X	X	SD	NA	NA	NA	NA	NA	FH3DBE 23,91, 155 FH3DBE 34,136 ,232	
FUEL HNDL.BLDG HVAC 0170 DRAIN FOR COOLING COIL	AIR CLEANING UNITS DRAIN MANIFOLD	AH-17(1B-SB) 06987 CCLCALC 10-13-82	BAHNSON BAHNSON	FH31 261.	435105 < 9E-08 90-9E-08-20-S7	IEEE 344-7 5 AISC CODE	A	.20G H NS .20G H EW .20G V .30G H NS .30G H EW .35G V		X	NA	S	NA	NA	NA	NA	NA	FH3DBE 23,91, 155 FH3DBE 34,136 ,232	
FUEL HNDL.BLDG HVAC FL0147 REMOVE RADIOIODINE	AIR CLEANING UNITS AIR CLEANING UNIT-CASING	E-12 (1-4X-SA) 07728 #20322	CTI-NUCLEAR CTI-NUCLEAR	FH31 FLR MTD 261.	435162 < 9E-31 90-9E-31-20-S1	IEEE 344-7 5 ASTM-A240	A D	0.30 G NS 0.20 G EW 0.30 G V 0.50 G NS 0.40 G EW 0.40 G V		X	NA	SD	NA	NA	9.9 8HZ	9.9 8HZ	* 9.9 8HZ	FH3-D8 E;23,91,155, FH3-D8 E;34,136,232	
FUEL HNDL.BLDG HVAC FL0147 REMOTE INDICATION OF DOOR POSITION	AIR CLEANING UNITS DOOR SWITCH	E-12 (1-4X-SA) 07729 EA-180-QTR-105	CTI-NUCLEAR NAMCO EA-180-11302	FH31 261.	435162 < 9E-31 90-9E-31-20-S9	IEEE 344-7 5,323 -74, 392-72	A D	0.30 G NS 0.20 G EW 0.30 G V 0.50 G NS 0.40 G EW 0.40 G V		X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	FH3-D8 E;23,91,155, FH3-D8 E;34,136,232	

TAGS INCLUDED: AH-17(1B-SB) ----E-12 (1-4X-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITN	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FUEL HNDL.BLDG HVAC FL0147 DRAIN CONDENSATE FROM ACU	AIR CLEANING UNITS DRAIN MANIFOLD	E-12 (1-4X-SA) 07730 #WA-NC60-322	CTI-NUCLEAR CTI-NUCLEAR 11302	FH31 CANTILEVER 261.	435162 BE-31 90-BE-31-20-S3	IEEE 344-7 5 ASTM-A36	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V		NA	S	NA	NA			X	FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 MOVE AIR THRU FILTRATION UNIT N	AIR CLEANING UNITS FAN	E-12 (1-4X-SA) 07731 #1967	CTI-NUCLEAR BROD & MCCLUNG-PACE 20AF-SWS1	FH31 PLTFM MTD 261.	435162 BE-31 90-BE-31-20-S4	IEEE 344-7 5	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	SD	NA	NA	>33 HZ	>33 HZ	>33 HZ	FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 DRIVE FAN N	AIR CLEANING UNITS MOTOR	E-12 (1-4X-SA) 07732 NUC-9	CTI-NUCLEAR RELIANCE ELECT CO. 2YF-882713	FH31 PLTFM MTD 261.	435162 BE-31 90-BE-31-20-S6	IEEE 344-7 5,SAE	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	SD	NA	NA	33 HZ	33 HZ	33 HZ	FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 OPERATE INLET VANES-REGULATE FNN VOLUME	AIR CLEANING UNITS ELECTRO-HYD OPERATOR	E-12 (1-4X-SA) 07733	CTI-NUCLEAR ITT	FH31 261.	435162 BE-31 90-BE-31-20-S11	IEEE 344-7 5	B	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V								X	FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 FIRE DETECTION CONTROL SYSTEM N	AIR CLEANING UNITS FIRE DETECT PNL	E-12(1-4X-SA) 11543	CTI-NUCLEAR ALISON CONTROLS INC A-971	FH31 WALL MTD 261.	435162 < BE-31 90-BE-31-20-S5	IEEE 344-75, 323-74	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	>33 HZ	>33 HZ	15 HZ	FHB-08 E;23,9 1,155. FHD-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 REMOVE RADIOIODINE N	AIR CLEANING UNITS AIR CLEANING UNIT-CASING	E-13 (1-4X-SB) 07734 #20322	CTI-NUCLEAR CTI-NUCLEAR	FH31 FLR MTD 261.	435162 < BE-31 90-BE-31-20-S1	IEEE 344-7 5 ASTM-A240	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.60 G EW 0.50 G V	X	NA	SD	NA	NA	9.9 8HZ	9.9 8HZ	9.9 8HZ	FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	

TAGS INCLUDED: E-12 (1-4X-SA) ----E-13 (1-4X-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FUEL HNDL.BLDG HVAC FL0147 REMOTE INDICATION OF DOOR POSITION	AIR CLEANING UNITS DOOR SWITCH	E-13 (1-4X-SB) 07735 EA-180-QTR-105	CTI-NUCLEAR NAMCO EA-180-11302	FH31 261.	435162 8F-31 90-9E-31-20-S9	IEEE 344-7 5,323-74, 382-72	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.60 G EW 0.50 G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	FHB-09 E;23,9 1,155, FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 DRAIN CONDENSATE FROM ACU N	AIR CLEANING UNITS DRAIN MANIFOLD	E-13 (1-4X-SB) 07736 #WA-N060-322	CTI-NUCLEAR CTI-NUCLEAR	FH31 CANTILEVER 261.	435162 8F-31 90-9E-31-20-S3	IEEE 344-7 5 ASTM-A36	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.60 G EW 0.50 G V	X	NA	S	NA	NA			X	FHB-09 E;23,9 1,155, FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 MOVE AIR THRU FILTRATION UNIT N	AIR CLEANING UNITS FAN	E-13 (1-4X-SB) 07737 #1967	CTI-NUCLEAR BROD & MCCLUNG-PACE 20AF-SWS1	FH31 PLTFM MTD 261.	435162 8E-31 90-9E-31-20-S4	IEEE 344-7 5	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.60 G EW 0.50 G V	X	NA	SD	NA	NA	>33 HZ	>33 HZ	>33 HZ	FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 DRIVE FAN N	AIR CLEANING UNITS MOTOR	E-13 (1-4X-SB) 07738 NUC-9	CTI-NUCLEAR RELIANCE ELECTRIC CO 3YF-882713	FH31 PLTFM MTD 261.	435162 8F-31 90-9E-31-20-S6	IEEE 344-7 5,SAE	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.60 G EW 0.50 G V	X	NA	SD	NA	NA	>33 HZ	>33 HZ	>33 HZ	FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 OPERATE INLET VANES REGULATE FNN VOLUME	AIR CLEANING UNITS ELECTRO-HYD OPERATOR	E-13 (1-4X-SB) 07739	CTI-NUCLEAR ITT 11302	FH31 FLR MTD 261.	435162 8F-31 90-9E-31-20-S11	IEEE 344-7 5	B	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V								X	FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 FIRE DETECTION CONTROL SYSTEM N	AIR CLEANING UNITS FIRE DETECT PNL	E-13(1-4-SB) 11544	CTI-NUCLEAR ALISON CONTROLS INC A-971	FH31 WALL MTD 261.	435162 < 8E-31 90-9E-31-20 S5	IEEE 344-75 323-74	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	>33 HZ	>33 HZ	15 HZ	FHB-08 E;23,9 1,155. FHB-08 E;34,1 36.232	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH H I SELECT RELAY	ANNUNCIATORS PRESSURE SIG.CON D.OR FUN	PDY*1FL5G 27ASA 01042 ESE-13	WESTINGH'SE WISD NSA4 WSO-3	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PDY5027A
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH H I AUCTIONEER	ANNUNCIATORS PRESSURE SIG.CON D.OR FUN	PDY*1FL5D 27BSB 01041 ESE-13	WESTINGH'SE WISD NSA4 WSO-3	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PDY5027B

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #															
FUEL HNDL.BLDG HVAC 0170 FHB AH-17 1A-S A FANDISCH FLO W	CONTROL DEVICES FLOW SWI TCH	FS 1AV 65 38A S 01279 708048	N/A FLUID COMPONENT FR-72-4	FH31 DUCT MTD 261.	435267 5 IN35 IN35-20	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTED IN NATURAL FREQ.
FUEL HNDL.BLDG HVAC 0170 FHB AH-17 1B-S B FANDISCH FLO W	CONTROL DEVICES FLOW SWI TCH	FS 1AV 65 38B S 01280 708048	N/A FLUID COMPONENT FR-72-4	FH31 DUCT MTD 261.	435267 4 IN35 IN35-20	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTED IN NATURAL FREQ.
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH F AN E-12 LO F LOW	CONTROL DEVICES FLOW SWI TCH	FS*1FL 50 27A S 01032 708048	N/A FLUID COMPONENT FR-72-4	FH31 DUCT MTD 276.	435267 119 IN35 IN35-20	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTED IN NATURAL FREQ.
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH F AN E-13 LO F LOW	CONTROL DEVICES FLOW SWI TCH	FS*1FL 50 27B S 01031 708048	N/A FLUID COMPONENT FR-72-4	FH31 DUCT MTD 276.	435267 120 IN35 IN35-20	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTED IN NATURAL FREQ.
FUEL HNDL.BLDG HVAC FL0147 FHB EMER E-12 FN CHAR FLTR HUMIDITY SENSO	CONTROL DEVICES HUMID.MI SC PRIMA RY ELEME	ME*1FL 50 24A S 01010 DTB04R76-0146	CTI-NUCLEAR AMER INSTR COMPANY 15-20398M	FH31 HRZNT L MTD 261.	435162 BE31 90-BE-31-20-S7	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-08 E;23,91,155, FHB-08 E;34,136,232	
FUEL HNDL.BLDG HVAC FL0147 FHB EMER E-13 FN CHAR FLTR HUMIDITY SENSO	CONTROL DEVICES HUMID.MI SC PRIMA RY ELEME	ME*1FL 50 24B SB 01009 DTB04R76-0146	CTI-NUCLEAR AMER INSTR COMPANY 15-20398M	FH31 HRZNT L MTD 261.	435162 BE31 90-BE-31-20-S7	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-08 E;23,91,155, FHB-08 E;34,136,232	

TAGS INCLUDED: FS 1AV 6538A S ----MIS*1FL50244S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FUEL HNDL.BLDG HVAC FL0147	CONTROL DEVICES	MIS*1FL50 24AS 01011	CTI-NUCLEAR AMER INSTR	FH31 HRZNTL MTD	435162 BE31	IEEE 344-75	A	D	0.30 G NS 0.20 G EW	0.50 G NS 0.40 G EW	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-DB E;23,9 1,155.	
FHB EMER E-12 FN CHAR FLTR HUMIDITY IND	HUMID.MISC SWITCH	DTB04R76 0146	CO 15-9371BM	261.	90-BE-31-20-S7				0.30 G V	0.40 G V									FHB-DB E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147	CONTROL DEVICES	MIS*1FL50 24BS 01012	CTI-NUCLEAR AMER INSTR	FH31 HRZNTL MTD	435162 BE31	IEEE 344-75	A	D	0.30 G NS 0.20 G EW	0.50 G NS 0.40 G EW	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-DB E;23,9 1,155.	
FHB EMER E-13 FN CHAR FLTR HUMIDITY IND	HUMID.MISC SWITCH	DTB04R76-0146	CO 15-9371BM	261.	90-BE-31-20-S7				0.30 G V	0.40 G V									FHB-DB E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147	CONTROL DEVICES	PDS*1FL50 22AS 00536	CTI-NUCLEAR DWYER	FH31 CASNG MTD	435162 BE31	IEEE 344-75	A	D	0.30 G NS 0.20 G EW	0.50 G NS 0.40 G EW	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-DB E;23,9 1,155,	
E-12 MED EFF FLTR DIFF PRES ALARM	PRESSURE SWITCH	#58235 #20301	1640-2	261.	90-BE-31-20-S13				0.30 G V	0.40 G V									FHB-DB E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147	CONTROL DEVICES	PDS*1FL50 22BS 00993	CTI-NUCLEAR DWYER	FH31 CASNG MTD	435162 BE31	IEEE 344-75	A		0.30 G NS 0.20 G EW	0.50 G NS 0.40 G EW	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-DB E;23,9 1,155,	
E-13 FN MED EFF FLTR DIFF PRES ALARM	PRESSURE SWITCH	#58235 #20301	1640-2	261.	90-BE-31-20-S13				0.30 G V	0.40 G V									FHB-DB E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147	CONTROL DEVICES	PDS*1FL50 23AS 00539	CTI-NUCLEAR DWYER	FH31 CASNG MTD	435162 BE31	IEEE 344-75	A	D	0.30 G NS 0.20 G EW	0.50 G NS 0.40 G EW	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-DB E;23,9 1,155,	
E-12 HEPA 1 FILT DIFF PRES ALARM	PRESSURE SWITCH	#58235 #20301	1640-2	261.	90-BE-31-20-S13				0.30 G V	0.40 G V									FHB-DB E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147	CONTROL DEVICES	PDS*1FL50 23BS 00996	CTI-NUCLEAR DWYER	FH31 CASNG MTD	435162 BE31	IEEE 344-75	A	C	0.30 G NS 0.20 G EW	0.50 G NS 0.40 G EW	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-DB E;23,9 1,155,	
E-13 HEPA 1 FLTR DIFF PRES ALARM	PRESSURE SWITCH	#58235 #20301	1640-2	261.	90-BE-31-20-S13				0.30 G V	0.40 G V									FHB-DB E;34,1 36,232	

TAGS INCLUDED: MIS*1FL5024AS ----PDS*1FL5026A S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FUEL HNDL.BLDG	CONTROL	PDS*1FL50	CTI-NUCLEA		435162	IEEE	A	D	0.30	0.50	X	NA	NA	MF	MD	20	20		FHB-DB	
HVAC	DEVICES	26A S V	R	LCL		344-			G NS	G NS						HZ	HZ		E;23,9	
FL0147		01021	DWYER		BE31	75			0.20	0.40									1,155,	
E-12 OVERALL	PRESSURE	#58235			90-9E-				G EW	G EW									FHB-DB	
FLTR DIFF PRES	SWITCH	#20301	1640-10		31-20-				0.30	0.40									E;34,1	
ALARM					S13				G V	G V									36,232	
FUEL HNDL.BLDG	CONTROL	PDS*1FL50	CTI-NUCLEA	FH31	435162	IEEE	A	D	0.30	0.50	X	NA	NA	MF	MD	20	20		FHB-DB	
HVAC	DEVICES	26BS	R	CASNG		344-			G NS	G NS						HZ	HZ		E;23,9	
FL0147		01022	DWYER	MTD	BE31	75			0.20	0.40									1,155,	
E-13 OVERALL	PRESSURE	#58235			90-9E-				G EW	G EW									FHB-DB	
FLTR DIFF PRES	SWITCH	#20301	1640-10	261.	31-20-				0.30	0.40									E;34,1	
ALARM					S13				G V	G V									36,232	
FUEL HNDL.BLDG	CONTROL	TAS*1FL50	CTI-NUCLEA	FH31	435162	IEEE	A	D	0.30	0.50									FHB-DB	
HVAC	DEVICES	23A S V	R	SKID		344-			G NS	G NS									E;23,9	
FL0147		09763	CTI-NUCLEA	MTD	BE31	75			0.20	0.40									1,155,	
E-12 CHAR TEMP	TEMPERAT		R		90-9E-				G EW	G EW									FHB-DB	
DETECT UNIT HI	URE SWIT		A971-0.5-0	261.	31-20-				0.30	0.40									E;34,1	
TEMP/TROUBLE	CH		-SH2		S5				G V	G V									36,232	
FUEL HNDL.BLDG	CONTROL	TAS*1FL50	CTI-NUCLEA	FH31	435162	IEEE	A	D	0.30	0.50									FHB-DB	
HVAC	DEVICES	23B S V	R	SKID		344-			G NS	G NS									E;23,9	
FL0147		09764	CTI-NUCLEA	MTD	BE31	75			0.20	0.40									1,155,	
E-13 CHAR TEMP	TEMPERAT		R		90-9E-				G EW	G EW									FHB-DB	
DETECT UNIT HI	URE SWIT		A971-0.5-0	261.	31-20-				0.30	0.40									E;34,1	
TEMP/TROUBLE	CH		-SH2		S5				G V	G V									36,232	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q I	ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SPRT #														
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH F AN E-12 FLOW	CONTROLLER FLOW CONTROLLER(DIRECT)	FC*1FL 50 27A SA 01026 ESE-13	WESTINGH'SE WISD NCB5 WSO-3	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88 191,212	FC5027A
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH F AN E-13 FLOW	CONTROLLER FLOW CONTROLLER(DIRECT)	FC*1FL 50 27B SB 01025 ESE-13	WESTINGH'SE WISD NCB5	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37 60,88 191,212	FC5027B
FUEL HNDL.BLDG HVAC FL0147 FHB PRES CNTL VORTEX DM PR E-12	CONTROLLER PRESSURE CONTROLLER(DIRE	PDC*1FL50 27A SA 01036 ESE-13	WESTINGH'SE WISD NCB5	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PDC5027A
FUEL HNDL.BLDG HVAC FL0147 FHB PRES CNTL VORTEX DM PR E-13	CONTROLLER PRESSURE CONTROLLER(DIRE	PDC*1FL50 27B SB 01035 ESE-13	WESTINGH'SE WISD NCB5	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PDC5027B
FUEL HNDL.BLDG HVAC FL0147 FHB EMER E-12 FN HEPA 1 EXH TEMP	CONTROLLER TEMPERATURE CONTROLLER(D	TC*1FL 50 23A SA 01060 ESE-13	WESTINGH'SE WISD NCB5 WSO-3	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	TC5023A
FUEL HNDL.BLDG HVAC FL0147 FHB EMER E-13 FN HEPA 1 EXH TEMP	CONTROLLER TEMPERATURE CONTROLLER(D	TC*1FL 50 23B SB 00999 ESE-13	WESTINGH'SE WISD NCB5 WSO-3	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	TC5023B

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR FLOW	DAMPERS DAMPER	FL-D11SA-1-4 07851 1018REV1	RUSKIN RUSKIN CD-82-3V-2	FH61 DUCT, VERT 324.	435205 BE-25 90-BE-1 25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	FL-D11SA-1-4 07853 R1063-36, #37274-V3	RUSKIN BETTIS 521-C-M3	FH61 VERT ON DA 324.	435205 BE-25 90-BE-1 25-20-S20,S3	IEEE 344-7 5 ASME SECT III	A	D	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	36 HZ	64 HZ	64 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR FLOW	DAMPERS DAMPER	FL-D12SB-1-4 07856 1018REV1	RUSKIN RUSKIN 521-C-M3	FH61 VERT ON DA 324.	435205 BE-25 90-BE-1 25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	FL-D12SB-1-4 07857 R1063-36, #37274-V3	RUSKIN BETTIS 521-C-M3	FH61 VERT ON DA 324.	435205 BE-25 90-BE-1 25-20-S20,S3	IEEE 344-7 5 ASME SECT III	A	D	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	36 HZ	64 HZ	64 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CNTRL AIR PRESSURE IN PNEUMA OPER CYLINDER	DAMPERS SOLENOID VALVE	FL-D12SB-1-4 07858 AOS21678/ TR REV A	RUSKIN ASCO NP8321A5E	FH61 ON OP ERATR 324.	435205 BE-25 90-BE-1 25-20-S6	IEEE 344-7 5,323 -74,3 82-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR FLOW	DAMPERS DAMPER	FL-D21SA-1-4 07859 1018REV1	RUSKIN RUSKIN CD-82-3V-2	FH61 DUCT, VERT 324.	435205 BE-25 90-BE-1 25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: FL-D11SA-1-4 ----FL-D21SA-1-4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FUEL HNDL.BLDG HVAC 0148 REMOTE INDICATION OF DAMPER POSITION OR	DAMPERS LIMIT SWITCH	FL-D21SA-1-4 07860 EA-180 QTR-105	RUSKIN NAMCO EA-180	FH61 DAMP, CNTLV 324.	435205 BE-25 90-BE-25-20-S7	IEEE 344-75,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
FUEL HNDL.BLDG HVAC 0148 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERAT OR	FL-D21SA-1-4 07861 R1063-36, #37274-V3	RUSKIN BETTIS 521-C-M3	FH61 VERT ON DA 324.	435205 BE-25 90-BE-25-20-S20,S3	IEEE 344-75 ASME SECT III	A	D	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	36 HZ	64 HZ	64 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CNTRL AIR PRESSURE IN PNEUMA OPER CYLINDER	DAMPERS SOLENOID VALVE	FL-D21SA-1-4 07862 AQS21678/TR REV A	RUSKIN ASCO NP8321ASE	FH61 ON OPERATR 324.	435205 BE-25 90-BE-25-20-S6	IEEE 344-75,323 -74,3 82-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR FLOW	DAMPERS DAMPER	FL-D22SB-1-4 07863 1018REV1	RUSKIN RUSKIN CD-82-3V-3	FH61 DUCT, HORIZ 324.	435205 BE-25 90-BE-25-20-S1	IEEE 344-75	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	FL-D22SB-1-4 07864 EA-180 QTR-105	RUSKIN NAMCO EA-180	FH61 DAMP, CNTLV 324.	435205 BE-25 90-BE-25-20-S7	IEEE 344-75,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
FUEL HNDL.BLDG HVAC 0148 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERAT OP	FL-D22SB-1-4 07865 R1063-36, #37274-V3	RUSKIN BETTIS 521-C-M3	FH61 VERT ON DA 324.	435205 BE-25 90-BE-25-20-S20,S3	IEEE 344-75 ASME SECT III	A	D	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	36 HZ	64 HZ	64 HZ	NA	

TAGS INCLUDED: FL-D21SA-1-4 ----FL-D22SB-1-4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
	SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q I												
FUEL HNDL.BLDG HVAC 0148	DAMPERS	FL-D22SB-1-4 07866	RUSKIN ASCO	FH61 ON OP ERATR	435205 BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
CNTRL AIR PRESSURE IN PNEUMA OPER CYLINDER	SOLENOID VALVE	AQS21678/TR REV A	NP8321A5E	324.																
FUEL HNDL.BLDG HVAC 0148	DAMPERS	FL-D35SA-1-4 07867	RUSKIN RUSKIN	FH31 DAMP, CNTLV	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1018REV1	EA-180	271.																
FUEL HNDL.BLDG HVAC 0148	DAMPERS	FL-D35SA-1-4 07868	RUSKIN NAMCO	FH31 DAMP, CNTLV	435205 BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	271.																
FUEL HNDL.BLDG HVAC 0148	DAMPERS	FL-D35SA-1-4 07869	RUSKIN BETTIS	FH31 VERT ON DA	435205 BE-25 90-BE-25-20-S2A,S3	IEEE 344-7 5 ASME SECT III	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
HOLD DAMPER IN REQUIRED POSITION	PNEUMATIC OPERATOR	R1063-19, #37274-V3	CB-315	271.																
FUEL HNDL.BLDG HVAC 0148	DAMPERS	FL-D35SA-1-4 07870	RUSKIN ASCO	FH31 ON OP ERATR	435205 BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
CNTRL AIR PRESSURE IN PNEUMA OPER CYLINDER	SOLENOID VALVE	AQS21678/TR REV A	NP8320A173E	271.																
FUEL HNDL.BLDG HVAC 0148	DAMPERS	FL-D36SB- 07873	RUSKIN BETTIS	FH31 VERT ON DA	435205 BE-25 90-BE-25-20-S2A,S3	IEEE 344-7 5 ASME SECT III	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
HOLD DAMPER IN REQUIRED POSITION	PNEUMATIC OPERATOR	R1063-19, #37274-V3	CB-315	271.																

TAGS INCLUDED: FL-D22SB-1-4 ----FL-D36SB-1-4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
FUEL HNDL.BLDG HVAC 0148	DAMPERS	FL-D36SB-1-4 07871	RUSKIN RUSKIN	FH31 DCUT, VERT	435205 BE-25	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1018REV1	CD-82-3V-1	271.	90-BE-25-20-S1															
FUEL HNDL.BLDG HVAC 0148	DAMPERS	FL-D36SB-1-4 07872	RUSKIN NAMCO	FH31 DAMP, CNTLV	435205 BE-25	IEEE 344-7 5,323	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	271.	90-BE-25-20-S7	-74,3 82-72														
FUEL HNDL.BLDG HVAC 0148	DAMPERS	FL-D36SB-1-4 07874	RUSKIN ASCO	FH31 ON OP ERATR	435205 BE-25	IEEE 344-7 5,323		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
CNTRL AIR PRESSURE IN PNEUMA OPER CYLINDER	SOLENOID VALVE	AQS21678/ TR REV A	NP8320A173 E	271.	90-BE-25-20-S6	-74,3 82-72														
FUEL HNDL.BLDG HVAC 0148	DAMPERS	FL-D37SA-1-4 07875	RUSKIN RUSKIN	FH31 VERT ON DA	435205 BE-25	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1018REV1	CD-82-3V-1	271.	90-BE-25-20-S1															
FUEL HNDL.BLDG HVAC 0148	DAMPERS	FL-D37SA-1-4 07876	RUSKIN NAMCO	FH31 DAMP, CNTLV	435205 BE-25	IEEE 344-7 5,323	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	271.	90-BE-25-20-S7	-74,3 82-72														
FUEL HNDL.BLDG HVAC 0148	DAMPERS	FL-D37SA-1-4 07877	RUSKIN BETTIS	FH31 VERT ON DA	435205 BE-25	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
HOLD DAMPER IN REQUIRED POSITION	PNEUMATIC OPERATOR	R1063-19, #37274-V3	CB-315	271.	90-BE-25-20-S2A,S3	ASME SECT III														

TAGS INCLUDED: FL-D36SB-1-4 ----FL-D37SA-1-4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	QQ/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FUEL HNDL.BLDG HVAC 0148 CNTRL AIR PRESSURE IN PNEUMA OPER CYLINDER	DAMPERS SOLENOID VALVE	FL-D37SA-1-4 07878 AQS21678/TR REV A	RUSKIN ASCO NP8320A173E	FH31 ON OPERATR 271.	435205 8E-25 90-8E-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR FLOW	DAMPERS DAMPER	FL-D38SB-1-4 07879 1018REV1	RUSKIN RUSKIN CD-82-3V-1	FH31 DUCT, VERT 271.	435205 8E-25 90-8E-25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	FL-D38SB-1-4 07880 EA-180 QTR-105	RUSKIN NAMCO EA-180	FH31 DAMP, CNTLV 271.	435205 8E-25 90-8E-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
FUEL HNDL.BLDG HVAC 0148 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNUEMATIC OPERATOR	FL-D38SB-1-4 07881 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	FH31 VERT ON DA 271.	435205 < 8E-25 90-8E-25-20-S2A,S3	IEEE 344-7 5 ASME SECT III	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CNTRL AIR PRESSURE IN PNUEMA OPER CYLINDER	DAMPERS SOLENOID VALVE	FL-D38SB-1-4 07882 AQS21678/TR REV A	RUSKIN ASCO NP8320A173E	FH31 ON OPERATR 271.	435205 < 8E-25 90-8E 25-20-S6	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR FLOW	DAMPERS DAMPER	FL-D4SA-1-4 07883 1018REV1	RUSKIN RUSKIN CD-82-3Y-2	FH61 DUCT, VERT 326.	435205 8E-25 90-8E-25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: FL-D37SA-1-4 ----FL-D4SA-1-4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HNDL.BLDG HVAC 0148 STEAM REMOTE INDICATION OF DAMPER POSITI	DAMPERS / LIMIT SWITCH	FL-D4SA-1-4 07884 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	FH61 DAMP, CNTLV 324.	435205 < 3E-25 90-3E-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
FUEL HNDL.BLDG HVAC 0148 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	FL-D4SA-1-4 07885 / R1063-36, #37274-V3	RUSKIN / BETTIS / 521-C-M3	FH61 VERT ON DA 324.	435205 < 3E-25 90-3E-25-20-S20,S3	IEEE 344-7 5 ASME SECT III	A	D	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	36 HZ	64 HZ	64 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	FL-D4SA-1-4 07886 / AOS21678/ TR REV A	RUSKIN / ASCO / NP8321A5E	FH61 ON OPERATR 324.	435205 3E-25 90-3E-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR FLOW	DAMPERS / DAMPER	FL-D5SB-1-4 07903 / 1C1PREV1	RUSKIN / RUSKIN / CD-82-3V-2	FH61 DUCT, HORIZ 324.	435205 3E-25 90-3E-25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	FL-D5SB-1-4 07904 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	FH61 DAMP, CNTLV 324.	435205 < 3E-25 90-3E-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
FUEL HNDL.BLDG HVAC 0148 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	FL-D5SB-1-4 07905 / P1063-36, #37274-V3	RUSKIN / BETTIS / 521-C-M3	FH61 VERT ON DA 324.	435205 < 3E-25 90-3E-25-20-S20,S3	IEEE 344-7 5 ASME SECT III	A	D	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	36 HZ	64 HZ	64 HZ	NA	

TAGS INCLUDED: FL-D4SA-1-4 ----FL-D5SB-1-4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- C 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	FL-D5SB-1-4 07906 / AQS21678/TR REV A	RUSKIN / ASCO / NP8321A5E	FH61 ON OPERATR / 324.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323-74,3 82-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR FLOW	DAMPERS / DAMPER	FL-D8SA-1-4 07907 / 1018REV1	RUSKIN / RUSKIN / CD-82-3V-2	FH61 DUCT, VERT / 324.	435205 BE-25 90-BE-25-20-S7	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	FL-D8SA-1-4 07908 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	FH61 DAMP, CNTLV / 324.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323-74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
FUEL HNDL.BLDG HVAC 0148 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	FL-D8SA-1-4 07909 / R1063-36, #37274-V3	RUSKIN / BETTIS / 521-C-M3	FH61 VERT ON DA / 324.	435205 < BE-25 90-BE 25-20-S20,S3	IEEE 344-7 5 ASME SECT III	A	D	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	36 HZ	64 HZ	64 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	FL-D8SA-1-4 07910 / AQS21678/TR REV A	RUSKIN / ASCO / NP8321A5E	FH61 ON OPERATR / 324.	435205 < BE-25 90-BE 25-20-S6	IEEE 344-7 5,323-74,3 82-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR FLOW	DAMPERS / DAMPER	FL-D9SB-1-4 07911 / 1018REV1	RUSKIN / RUSKIN / CD-82-3V-2	FH61 DUCT, VERT / 324.	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: FL-D5SB-1-4 ----FL-D9SB-1-4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STOS	Q	I												
FUEL HNDL.BLDG HVAC 0148 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	FL-D9SB-1-4 07912	RUSKIN NAMCO	FH61 DAMP, CNTLV	435205 < 9E-25 90-9E-25-20-S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
	LIMIT SWITCH	EA-180 QTR-105	EA-108	324.																
FUEL HNDL.BLDG HVAC 0148 HOLD DAMPER IN REQUIRED POSITION	DAMPERS	FL-D9SB-1-4 07913	RUSKIN BETTIS	FH61 VERT ON DA	435205 < 9E-25 90-9E-25-20-S20,S3	IEEE 344-75 ASME SECT III	A	D	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	36 HZ	64 HZ	64 HZ	NA	
	PNEUMATIC OPERATOR	R1063-36, #37274-V3	521-C-M3	324.																
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS	FL-D9SB-1-4 07914	RUSKIN	FH61 ON OP ERATR	435205 3E-25 90-9E-25-20-S6	IEEE 344-75,323-74,382-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	AOS21678/ TR REV A	NP8321A5E	324.																
FUEL HNDL.BLDG HVAC FL0147 CONTROL AIR FLOW	DAMPERS	FV-GD1SA-1-4 07919	RUSKIN	FH21 SUSP HORIZ	435205 3E-25 90-9E-25-20-S11,12	IEEE 344-75	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	MF	MD	>33 HZ, 9 HZ	>33 HZ, 23 HZ	>33 HZ, 23 HZ	NA	DAMPER BY ANALYSIS CNTRBLNC ARM BY TEST
	DAMPER	#1064,WYLE-46803-1	CBS-7	261.																
FUEL HNDL.BLDG HVAC FL0147 CONTROL AIR FLOW	DAMPERS	FV-GD2SB-1-4 07920	RUSKIN	FH21 SUSP HORIZ	435205 3E-25 90-9E-25-20-S11,12	IEEE 344-75	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	MF	MD	>33 HZ, 9 HZ	>33 HZ, 23 HZ	>33 HZ, 23 HZ	NA	DAMPER BY ANALYSIS CNTRBLNC ARM BY TEST
	DAMPER	#1064,WYLE-46803-1	CBS-7	261.																

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST PEP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
FUEL HNDL.BLDG HVAC FL0147 MAINTAIN REL. HUMIDITY & TEM P.OF AIR	ELECTRIC HEATING COIL ELECTRIC HEATING COIL	EHC-17(1-4X-SA) 07793	BRASCH BRASCH	FH31 ACU 261.	435152 3E-22 90-3E-22-20-S1	IEEE 344-75	B	D											FH3-03 E;23,9 1,179, FH8-08 E;34,1 36,263	E-12 SYS
FUEL HNDL.BLDG HVAC FL0147 MAINTAIN REL. HUMIDITY & TEM P.OF AIR	ELECTRIC HEATING COIL HEATER CONTROL	EHC-17(1-4X-SA) 07794	BRASCH BRASCH	FH31 ACU 261.	435152 3E-22 90-3E-22-20-S1	IEEE 344-75	B	D											FH8-08 E;23,9 1,179, FH8-08 E;34,1 36,268	E-12 SYS
FUEL HNDL.BLDG HVAC FL0147 MAINTAIN REL. HUMIDITY & TEM P.OF AIR	ELECTRIC HEATING COIL ELECTRIC HEATING COIL	EHC-18(1-4X-SB) 07795	BRASCH BRASCH	FH31 ACU 261.	435152 3E-22 90-3E-22-20-S1	IEEE 344-75	B	D											FH3-03 E;23,9 1,179, FH3-08 E;34,1 36,268	E-13 SYS
FUEL HNDL.BLDG HVAC FL0147 MAINTAIN REL. HUMIDITY & TEM P.OF AIR	ELECTRIC HEATING COIL HEATER CONTROL	EHC-18(1-4X-SB) 07796	BRASCH BRASCH	FH31 ACU 261.	435152 3E-22 90-3E-22-20-S1	IEEE 344-75	B	D											FH8-08 E;23,9 1,179, FH8-08 E;34,1 36,268	E-13 SYS

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXHAUST A E-12 FLOW	INDICATORS FLOW DIRECT INDICATOR	FI 1FL 5027A1 SA 01030 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252 WS0-3	AEP-1 305.	435279 IN39 IN39-20	IEEE 323-'74, 344-'75	B		S/S 0.38 F/B 0.30 VERT 0.45	S/S 0.60 F/B 0.50 VERT 0.70	X								RAB12-10,37,60,88,191,212	QUALIFICATION REPORT IS STILL IN REVIEW,
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXHAUST B E-13 FLOW	INDICATORS FLOW DIRECT INDICATOR	FI 1FL 5027B1 SB 01029 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252	AB52 AEP-1 305.	435279 IN39 IN39-20	IEEE 323-'74, 344-'75	B		S/S 0.38 F/B 0.30 VERT 0.45	S/S 0.60 F/B 0.50 VERT 0.70	X								RAB12-10,37,60,88,191,212	QUALIFICATION REPORT IS STILL IN REVIEW,
FUEL HNDL.BLDG HVAC FL0147 FHB EMER FILT A HEPA DP E-12	INDICATORS PRESSURE DIRECT INDICATOR	PDI 1FL5023A1SA 00538 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252 WS0-3	AEP-1 305.	435279 IN39 IN39-20	IEEE 323-'74, 344-'75	B	C	S/S 0.38 F/B 0.30 VERT 0.45	S/S 0.60 F/B 0.50 VERT 0.70	X								RAB12-10,37,60,88,191,212	QUALIFICATION REPORT IS STILL IN REVIEW,
FUEL HNDL.BLDG HVAC FL0147 FHB EMER FILT B HEPA DP	INDICATORS PRESSURE DIRECT INDICATOR	PDI 1FL5023B1SB 00537 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252 WS0-3	AEP-1 305.	435279 IN39 IN39-20	IEEE 323-'74, 344-'75	B		S/S 0.38 F/B 0.30 VERT 0.45	S/S 0.60 F/B 0.50 VERT 0.70	X								RAB12-10,37,60,88,191,212	QUALIFICATION REPORT IS STILL IN REVIEW,
FUEL HNDL.BLDG HVAC FL0147 FHB EMER FILT SYS A DIFF PRESS	INDICATORS PRESSURE DIRECT INDICATOR	PDI 1FL5026A SA 01018 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252 WS0-3	AEP-1 305.	435279 IN39 IN39-20	IEEE 323-'74, 344-'75	B	D	S/S 0.38 F/B 0.30 VERT 0.45	S/S 0.60 F/B 0.50 VERT 0.70	X								RAB12-10,37,60,88,191,212	QUALIFICATION REPORT IS STILL IN REVIEW,
FUEL HNDL.BLDG HVAC FL0147 FHB EMER FILT SYS B DIFF PRESS.	INDICATORS PRESSURE DIRECT INDICATOR	PDI 1FL5026B SB 01017 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252 WS0-3	AEP-1 305.	435279 IN39 IN39-20	IEEE 323-'74, 344-'75	B		S/S 0.38 F/B 0.30 VERT 0.45	S/S 0.60 F/B 0.50 VERT 0.70	X								RAB12-10,37,60,88,191,212	QUALIFICATION REPORT IS STILL IN REVIEW,

TAGS INCLUDED: FI 1FL 5027A1 S----PDI*1FL5020A S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FUEL HNDL.BLDG HVAC FL0147 FAN E-12 UNIT DEMISTER DP IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI*1FL50 20A S 00985 #58235	CTI-NUCLEAR DWYER MAGNEHELIC 2003	FH31 CASNG MTD 261.	435162 BE31 90-BE-131-20-S12	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	>20 HZ	>20 HZ		FHB-08 E;23,9 1,155. FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 FAN E-13 UNIT DEMISTER DP IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI*1FL50 20B S 00986 #58235	CTI-NUCLEAR DWYER MAGNEHELIC 2003	FH31 CASNG MTD 261.	435162 BE31 90-BE-131-20-S12	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08 E;23,9 1,155. FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 FAN E-12 MED EFF FLTR DP IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI*1FL50 22A S 00992 #58235	CTI-NUCLEAR DWYER MAGNEHELIC 2002	FH31 CASNG MTD 261.	435162 BE31 90-BE-131-20-S12	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08 E;23,9 1,155. FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 FAN E-13 MED EFF FLTR OF IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI*1FL50 22B S 00991 #58235	CTI-NUCLEAR DWYER MAGNEHELIC 2002	FH31 CASNG MTD 261.	435162 BE31 90-BE-131-20-S12	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08 E;23,9 1,155. FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 FAN E-12 HEPA 1 FLTR DP IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI*1FL50 23A S 00994 #58235	CTI-NUCLEAR DWYER MAGNEHELIC 2003	FH31 CASNG MTD 261.	435162 BE31 90-BE-131-20-S12	IEEE 344-75	A		0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08 E;23,9 1,155. FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 FAN E-13 HEPA 1 FLTR DP IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI*1FL50 23B S 00995	CTI-NUCLEAR DWYER MAGNEHELIC 2003	FH31 CASNG MTD 261.	435162 BE31 90-BE-131-20-S12	IEEE 344-75	A		0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08 E;23,9 1,155. FHB-08 E;34,1 36,232	

TAGS INCLUDED: PDI*1FL5020A S ----PDI*1FL5025AS
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/TTM / SPEC / SORT #	QUAL CODES / STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
FUEL HNDL.BLDG HVAC FL0147 E-12 HEPA 2 DP IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI*1FL50 25AS 01014 #58235	CTI-NUCLEAR DWYER MAGNEHELIC 2003	FH31 CASNG MTD 261.	435162 B31 90-BE-31-20-S12	IEEE 344-75	A		0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-DB E;23,91,155. FHB-DB E;34,136,232	
FUEL HNDL.BLDG HVAC FL0147 E-13 HEPA 2 DP IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI*1FL50 25BS 01013 #58235	CTI-NUCLEAR DWYER MAGNEHELIC 2003	FH31 CASNG MTD 261.	435162 B31 90-BE-31-20-S12	IEEE 344-75	A		0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-DB E;23,91,155. FHB-DB E;34,136,232	
FUEL HNDL.BLDG HVAC FL0147 FAN E-12 TRAIN A OVERALL DP IND	INDICATORS PRESSURE DIRECT INDICATO	PDI*1FL50 26A1S 01020 #58235	CTI-NUCLEAR DWYER MAGNEHELIC 2010	FH31 CASNG MTD 261.	435162 B31 90-BE-31-20-S12	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-DB E;23,91,155, FHB-DB E;34,136,232	
FUEL HNDL.BLDG HVAC FL0147 FAN E-13 TRAIN B OVERALL DP IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI*1FL50 26B1S 01019 #58235	CTI-NUCLEAR DWYER MAGNEHELIC 2010	FH31 CASNG MTD 261.	435162 B31 90-BE-31-20-S12	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-DB E;23,91,155, FHB-DB E;34,136,232	
FUEL HNDL.BLDG HVAC FL0147 FHB EMER FILT A OUT TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1FL 50 23A SA 01003 ESE-14	WESTINGH'SE W RID VX-252	AB52 AEP-1 305.	435002 A-22 (IN 39	IEEE 323-74,344-75	A				X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88,212,10,60,191	TI5023A
FUEL HNDL.BLDG HVAC FL0147 FHB EMER FILT B OUT TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1FL 50 23B SB 01004 ESE-14	WESTINGH'SE W RID VX-252	AB52 AEP-1 305.	435002 A-22 (IN 39	IEEE 323-74,344-75	A				X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88,212,10,60,191	TI5023B

TAGS INCLUDED: PDI*1FL5025AS ----TI*1FL 5021A SA
SORT TYPE:SYSDES,EQTYP GLOBEAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO. 955
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
FUEL HNDL.BLDG HVAC FL0147 FHB EMER FILT A IN TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI*1FL 50 21A SA 00533 ESE-14	WESTINGH'S E W VX-252 WSO-3	AB52 AEP-1 305.	435002 A-02 (IN 39	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 37,88, 212, 10,60, 191	TI5021A
FUEL HNDL.BLDG HVAC FL0147 FHB EMER FILT B IN TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI*1FL 50 21B SB 00532 ESE-14	WESTINGH'S E W VX-252	AB52 AEP-1 305.	435002 A-02 (IN-39	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88, 212, 10,60, 191	TI5021B

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HNDL.BLDG HVAC FL0147 FHB EXHAUST N	PRIMARY ELEMENT ANALYSIS PRIMARY ELEMENT	AE*1FL 3506 S 02404		DUCT MTD	435292 3 IN41 IN41-20	IEEE 344-75	D												LATER NOT PURCHASED
FUEL HNDL.BLDG HVAC FL0147 FHB EXHAUST	PRIMARY ELEMENT ANALYSIS PRIMARY ELEMENT	AE*1FL 3507 S 02407		DUCT MTD	435292 4 IN41 IN41-20	IEEE 344-75	D												LATER NOT PURCHASED
FUEL HNDL.BLDG HVAC FL0147 FHB EMERGENCY EXHAUST SYSTEM	PRIMARY ELEMENT ANALYSIS PRIMARY ELEMENT	AE*1FL 3508A S 02417		DUCT MTD	435292 15 IN41 IN41-20	IEEE 344-75	D												LATER NOT PURCHASED
FUEL HNDL.BLDG HVAC FL0147 FHB EMERGENCY EXHAUST SYS	PRIMARY ELEMENT ANALYSIS PRIMARY ELEMENT	AE*1FL 3508B S 02409		DUCT MTD	435292 17 IN41 IN41-20	IEEE 344-75	D												LATER NOT PURCHASED
FUEL HNDL.BLDG HVAC FL0147 FHB EXHAUST	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE*1FL 3506 S 02406		DUCT MTD	435292 3 IN41 IN41-20	IEEE 344-75													LATER NOT PURCHASED
FUEL HNDL.BLDG HVAC FL0147 FHB EXHAUST	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE*1FL 3507 S 02408		DUCT MTD	435292 4 IN41 IN41-20	IEEE 344-75													LATER NOT PURCHASED

TAGS INCLUDED: AE*1FL 3506 S ---FE*1FL 3508A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #															
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH S YST E-12 DISC	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE*1FL 35 08A SA 12332		DUCT MTD	435292 15 IN41															
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH S YST E-13 DISC	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE*1FL 35 08B SB 12315		DUCT MTD	435292 17 IN41															
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH E -12 FAN DISC FLOW	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE*1FL 50 27A S 01028	AIR MONITOR CORP FAN-E	DUCT MTD	435290 12 IN45 IN45-20	IEEE 344 75	C													LATER VENDOR REPORT OUTSTANDING
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH E -13 FAN DISC FLOW	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE*1FL 50 27B S 01027	AIR MONITOR CORP FAN-E	DUCT MTD	435290 13 IN45 IN45-20	IEEE 344 75	C													LATER VENDOR REPORT OUTSTANDING
FUEL HNDL.BLDG HVAC FL0147 E-12 FAN ECH-17 INLET TEMP SENSOR	PRIMARY ELEMENT TEMPERATURE THERMOCOUPLE	TE*1FL 50 21A SA 00987 #1PS-266	CTI-NUCLEAR CONAX 2310-9458-02	FH31 LCL 261.	435162 RE31 90-RE-31-20-S15	IEEE 344-75,323-74	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	SF	MD				FHB-08 E;23,91,155, FHB-08 E;34,136,232	
FUEL HNDL.BLDG HVAC FL0147 E-13 FAN ECH-18 INLET TEMP SENSOR	PRIMARY ELEMENT TEMPERATURE THERMOCOUPLE	TE*1FL 50 21B SB 00988 #1PS-266	CTI-NUCLEAR CONAX 2310-9458-02	FH31 LCL 261.	435162 RE31 90-RE-31-20-S15	IEEE 344-75,323-74	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	SF	MD				FHB-08 E;23,91,155, FHB-08 E;34,136,232	

TAGS INCLUDED: FE*1FL 3508A SA----TE*1FL 5023A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FUEL HNDL.BLDG HVAC FL0147 E-12 CHAR FLTR INLET TEMP SENSOR	PRIMARY ELEMENT TEMPERATURE THERMOCOUPLE	TE*1FL 50 23A SA 01001 #1PS-266	CTI-NUCLEAR CONAX 2310-9458-02	FH31 LCL 261.	435162 9E31 90-9E-31-20-S15	IEEE 344-75,323-74	A	B	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	SF	MD				FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 E-13 CHAR FLTR INLET TEMP SENSOR	PRIMARY ELEMENT TEMPERATURE THERMOCOUPLE	TE*1FL 50 23B SB 01002 #1PS-266	CTI-NUCLEAR CONAX 2310-9458-02	FH31 LCL 261.	435162 9F31 90-9E-31-20-S15	IEEE 344-75,323-74	A	B	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	SF	MD				FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 FAN E-12 OUTLET TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE*1FL 50 27A S 10954 548-8854-2 REV 8	WEED INSTRUMENT E4B250G-(LAS)	DUCT MTD	435286 89 IN43 IN43-20	IEEE 344-75	A		HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	
FUEL HNDL.BLDG HVAC FL0147 FAN E-13 OUTLET TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE*1FL 50 27B S 10955 548-8854-2 REV 2	WEED INSTRUMENT E-4B250G(LAS)	FH31 DUCT MTD 261.	435286 89 IN43 IN43-20	IEEE 344-75	A		HORZ 1.5 VERT 1.0	HORZ 1.5 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL. FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HNDL.BLDG HVAC FL0147	RELAYS	RLY 1FL28 46-42X 12257	POTTER	ARP 1844	435247 IN13															
FUEL HNDLG BLD G SPENT FUEL V ENTILATIONFAN	RADIATIO N SIG.CO ND.OR FU		BRUMFIELD MDR131-1																	
FUEL HNDL.BLDG HVAC FL0147	RELAYS	RLY 1FL28 49-42X 12239	POTTER	ARP 1848	435246 IN13															
FUEL HNDLG BLD G SPENT FUE L VENT T1ON FA	RADIATIO N SIG.CO ND.OR FU		BRUMFIELD MDR-131-1																	
FUEL HNDL.BLDG HVAC FL0147 FHB OPER FLR I SOL DMPR FL-D 4SAE8 D8SAINTL	RELAYS RADIATIO N SIG.CO ND.OR FU	RLY 1FL28 65-CR3 11148 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP 3A-SA 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
FUEL HNDL.BLDG HVAC FL0147 FHB OPER FLR I SOL DMPR FL-D 5SAE8 D9SBINTL	RELAYS RADIATIO N SIG.CO ND.OR FU	RLY 1FL28 66-CR3 11125 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP 3B-SB 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
FUEL HNDL.BLDG HVAC FL0147 FUEL HNDLG BLD G EMER EXH RADIATION MONI	RELAYS RADIATIO N SIG.CO ND.OR FU	RLY 1FL29 13-CR 12258	POTTER BRUMFIELD MDR138-8	ARP 1844	435247 IN13															
FUEL HNDL.BLDG HVAC FL0147 FUEL HNDLG BLD G EMER EXH RADIATION MONI	RELAYS RADIATIO N SIG.CO ND.OR FU	RLY 1FL29 14-CR 12243	POTTER BRUMFIELD MDR134-1	ARP 1848	435246 IN13															

TAGS INCLUDED: RLY 1FL2846-42X----RLY 1FL2915-42X
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO. 960
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HNDL.BLDG HVAC FL0147	RELAYS	RLY 1FL29 15-42X 12259	POTTER	ARP 184A	435247 IN13														
FUEL HNDLG BLDG EMER EXH FAN E-12 (1-4	RADIATION SIG.CO ND.OR FU		BRUMFIELD MDR134-1																
FUEL HNDL.BLDG HVAC FL0147	RELAYS	RLY 1FL29 16-42X 12242	POTTER	ARP 184B	435246 IN13														
FUEL HNDLG BLDG EMER EXH FAN E-13 (1-4	RADIATION SIG.CO ND.OR FU		BRUMFIELD MDR134-1																

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH F AN E-12 FLOW	SENSORS FLOW TRANSMITTER	FT*1FL 50 27A SA 01033	GOULD MANUF CO DR3200-005 -12- 12-XX	FH31 LCL 261.	435289 24 1N34 1N34- 20	IEEE 323- 74 344- 75	C	D												LATER VENDOR REPORT OUTSTANDING
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH F AN E-13 FLOW	SENSORS FLOW TRANSMITTER	FT*1FL 50 27B SB 01034	GOULD MANUF CO DR3200-005 -12- 12-XX	FH31 LCL 261.	435289 25 1N34 1N34- 20	IEEE 323- 74 344- 75	C	D												LATER VENDOR REPORT OUTSTANDING
FUEL HNDL.BLDG HVAC FL0147 E-12 FN HEPA 1 FLTR PRESS RECORD & IND	SENSORS PRESSURE TRANSMITTER	PDT*1FL50 23A SA 00998 #108025 #108026	CTI-NUCLEAR ROSEMOUNT 1153 SERIES B	FH31 PNL MTD 261.	435162 BE31 90-BE- 31-20- S8	IEEE 344- 75	A		0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-DB E;23,9 1,155, FHB-DB E;34,1 36,232	
FUEL HNDL.BLDG HVAC FL0147 E-13 FN HEPA 1 FLTR PRESS RECORD & IND	SENSORS PRESSURE TRANSMITTER	PDT*1FL50 23B SB 00997 #108025 #108026	CTI-NUCLEAR ROSEMOUNT 1153 SERIES B	FH31 PNL MTD 261.	435162 BE31 90-BE- 31-20- S8	IEEE 344- 75	A		0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-DB E;23,9 1,155, FHB-DB E;34,1 36,232	ALSO WYLE REPT # 45353-1
FUEL HNDL.BLDG HVAC FL0147 E-12 OVERALL DIFF PRESS RECORD & IND	SENSORS PRESSURE TRANSMITTER	PDT*1FL50 26A SA 01023 #108025 #108026	CTI-NUCLEAR ROSEMOUNT 1153 SERIES B	FH-3 PNL MTD 261.	435162 BE31 90-BE- 31-20- S8	IEEE 344- 75	A		0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-DB E;23,9 1,155, FHB-DB E;34,1 36,232	ALSO WYLE REPT # 45353-1
FUEL HNDL.BLDG HVAC FL0147 E-13 OVERALL DIFF PRESS RECORD & IND	SENSORS PRESSURE TRANSMITTER	PDT*1FL50 26B SB 01024 #108025 #108026	CTI-NUCLEAR ROSEMOUNT 1153 SERIES B	FH31 PNL MTD 261.	435162 BE31 90-BE- 31-20- S8	IEEE 344- 75	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-DB E;23,9 1,155, FHB-DB E;34,1 36,232	ALSO WYLE REPT # 45353-1

TAGS INCLUDED: FT*1FL 5027A SA----PDT*1FL5027A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
FUEL HNDL.BLDG HVAC FL0147 FHB TO OUTSIDE DIFF PRES	SENSORS PRESSURE TRANSMITTER	PDT*1FL50 27A SA G1038	GOULD MANUF CO DR3200-005 -12- 12-XX	FH31 LCL 261.	435289 14 IN34 IN34-20	IEEE 323-74 344-75	C													LATER VENDOR REPORT OUTSTANDING
FUEL HNDL.BLDG HVAC FL0147 FHB TO OUTSIDE DIFF PRES	SENSORS PRESSURE TRANSMITTER	PDT*1FL50 27A1SA 01037	GOULD MANUF CO DR3200-005 -12- 12-XX	FH31 LCL 261.	435289 15 IN34 IN34-20	IEEE 323-74 344-75	C													LATER VENDOR REPORT OUTSTANDING
FUEL HNDL.BLDG HVAC FL0147 FHB TO OUTSIDE DIFF PRES	SENSORS PRESSURE TRANSMITTER	PDT*1FL50 27B SB 01039 708048	GOULD MANUF CO DR3200-005 -12- 12-XX	FH31 LCL 261.	435289 16 IN34 IN34-20	IEEE 323-74 344-75	C													LATER VENDOR REPORT OUTSTANDING
FUEL HNDL.BLDG HVAC FL0147 FHB TO OUTSIDE DIFF PRES	SENSORS PRESSURE TRANSMITTER	PDT*1FL50 27B1SB 01040	GOULD MANUF CO DR3200-005 -12- 12-XX	FH31 LCL 261.	435289 17 IN34 IN34-20	IEEE 323-74 344-75	C													LATER VENDOR REPORT OUTSTANDING
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH E -12 FN ECH-17 TEMP	SENSORS TEMPERATURE TRANSMITTER	TT*1FL 50 21A SA 00534 ESE-13	WESTINGH'S E WISD VLL14 WSO-3	AB52 PIC-C13 305.	435002 A-12	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 37,88, 212, 10,60, 191	TT5021A
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH E -13 FN ECH-18 TEMP	SENSORS TEMPERATURE TRANSMITTER	TT*1FL 50 21B SB 00535 ESE-13	WESTINGH'S E WISD VLL14 WSO-3	AB52 PIC-C14 305.	435002 A-12	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 37,88, 212, 10,60, 191	TT5021B

TAGS INCLUDED: PDT*1FL5027A SA----TT*1FL 5023A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HNDL.BLDG	SENSORS	TT*1FL 50	WESTINGH'S	AB52	435002	IEEE	A B			X			MF	MD	<33	<33	<33	RAB12	
HVAC		23A SA	E	PIC-		323-7									HZ	HZ	HZ	37,88,	TT5023A
FL0147		01007	WISD	C13	A-02	4,344												212,	
FHB EMER E-12	TEMPERAT	ESE-13				-75												10,60,	
FN HEPA 1 EX	URE TRAN		VLL14	305.														191	
H TEMP	SMITTER		WSO-3																
FUEL HNDL.BLDG	SENSORS	TT*1FL 50	WESTINGH'S	AB52	435002	IEEE	A B			X			MF	MD	<33	<33	<33	RAB12	
HVAC		23B SB	E	PIC-		323-7									HZ	HZ	HZ	37,88,	TT5023B
FL0147		01008	WISD	C14	A-02	4,344												212,	
FHB EMER E-13	TEMPERAT	ESE-13				-75												10,60,	
FN HEPA 1 EX	URE TRAN		VLL14	305.														191	
H TEMP	SMITTER		WSO-3																

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO. 964
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL' CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH S YST E-12 DISC	SIGNAL CONDITIONERS FLOW SIG.COND.OR FUNC.GE	FY*1FL 35 C8A SA 12333		LCL	435292 16 IN41														
FUEL HNDL.BLDG HVAC FL0147 FHB EMER EXH S YST E-13 DISC	SIGNAL CONDITIONERS FLOW SIG.COND.OR FUNC.GE	FY*1FL 35 U8B SB 12316		LCL	435292 17 IN41														

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HNDL.BLDG HVAC FLU147 FHB EXHAUST	TEST POINTS / FLOW TEST POINT	FX*1FL 35 06-1 S 02405		DUCT MTD	435292 3 IN41 / IN41-20	IEEE 344-75	D												LATER NOT PURCHASED

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	RQ/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
FUEL HNDL.BLDG HVAC 0148 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	VALVES SOLENOID VALVE	FL-D11SA-1-4 07854 AQS21678/TR REV A	RUSKIN ASCO NP8321A5E	FH61 ON OPERATR 324.	435205 3F-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
FUEL HNDL.BLDG HVAC 0147 ACTUATE VALVE AND CONTROL POSNTION	VALVES OPERATOR	3FV-B1SA 1-4 08296 LIMIT#B00 58&B0003	BIF LIMITORQUE H1BC	FH31 261.	435211 < 3F-35 90-BE-35-20-S7	IEEE 344-7 5,382 -72	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONS ANT
FUEL HNDL.BLDG HVAC 0147 STOP OR CONTROL FLOW OF NIR	VALVES BUTTERFLY VALVE& OPERATOR	3FV-B1SA-1-4 08295 BIF # 67923	BIF BIF & LIMITORQUE BIF0657&L1 M-SMB00010	FH31 261.	435211 < BE-35 90-BE-35-20-S6A	IEEE 344-7 5,382 -72AS ME SE C-III	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA		>33 HZ	>33 HZ	NA	DUCT DESIGN CONS ANT
FUEL HNDL.BLDG HVAC FL0147 ACTUATE VALVE AND CONTROL POSNTION	VALVES MOTOR OPERATOR	3FV-B2SA-1-4 08299 LIMIT#B00 58&B0003	BIF LIMITORQUE SMB-00 0-10/H1BC	FH31 261.	435211 < 3F-35 90-BE-35-20-S7	IEEE 344-7 5,382 -72	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONS ANT
FUEL HNDL.BLDG HVAC 0147 ISOLATE IDLE CHARCOAL FILTRATINN UNIT	VALVES BUTTERFLY VALVE& OPERATOR	3FV-B2SA-1-4 08297 BIF # 67923	BIF BIF & LIMITORQUE BIF0657&L1 M-SMB00010	FH31 261.	435211 < BE-35 90-BE-35-20-S6A	IEEE 344-7 5,382 -72AS ME SE C-III	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA		>33 HZ	>33 HZ	NA	DUCT DESIGN CONS ANT
FUEL HNDL.BLDG HVAC FL0147 ACTUATE VALVE AND CONTROL POSNTION	VALVES OPERATOR	3FV-B3SB 1-4 08301 LIMIT#B00 58&B0003	BIF LIMITORQUE H1BC	FH31 261.	435211 < BE-35 90-BE-35-20-S7	IEEE 344-7 5,382 -72	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONS ANT

TAGS INCLUDED: FL-D11SA-1-4 ----3FV-B3SB-1-4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	O	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUEL HNDL.BLDG HVAC 0147 STOP OR CONTROL FLOW OF NIR	VALVES BUTTERFLY VALVE& OPERATOR	3FV-B3SB-1-4 08302 BIF # 67923	BIF BIF & LIMITORQUE BIF0657&L1 M-SMB0G010	FH31 261.	435211 < BE-35 90-BE-35-20-S6A	IEEE 344-7 5,382 -72AS ME SE C-III	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA		>33 HZ	>33 HZ	NA	DUCT DESIGN CONS ANT
FUEL HNDL.BLDG HVAC FL0147 ACTUATE VALVE AND CONTROL POSNTION	VALVES MOTOR OPERATOR	3FV-B4SB-1-4 08305 LIMIT4800 58&BC003	BIF LIMITORQUE BIF0657&L1 M-SMB0G010	FH31 261.	435211 < BE-35 90-BE-35-20-S7	IEEE 344-7 5,382 -72	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONS ANT
FUEL HNDL.BLDG HVAC 0147 ISOLATE IDLE CHARCOAL FILTR ATINN UNIT	VALVES BUTTERFLY VALVE& OPERATOR	3FV-B4SB-1-4 08303 BIF # 67923	BIF BIF & LIMITORQUE BIF0657&L1 M-SMB0G010	FH31 261.	435211 < BE-35 90-BE-35-20-S6A	IEEE 344-7 5,382 -72AS ME SE C-III	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA		>33 HZ	>33 HZ	NA	DUCT DESIGN CONS ANT
FUEL HNDL.BLDG HVAC FL0147 ACTUATE VALVE AND CONTROL POSITNON	VALVES MOTOR OPERATOR	3FV-B5SB-1-4 08308 LIMIT#800 58&BC003	BIF LIMITORQUE SMB000-10/H1BC	FH31 261.	435211 < BE-35 90-BE-35-20-S7	IEEE 344-7 5,382 -72	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONS ANT
FUEL HNDL.BLDG HVAC 0147 ISOLATE IDLE CHARCOAL FILTR ATINN UNIT	VALVES BUTTERFLY VALVE& OPERATOR	3FV-B5SB-1-4 08306 BIF # 67923	BIF BIF & LIMITORQUE BIF0657&L1 M-SMB0G010	FH31 261.	435211 < BE-35 90-BE-35-20-S6A	IEEE 344-7 5,382 -72AS ME SE C-III	A		*3G HNS 3G HEW 3G V	*3G HNS 3G HEW 3G V	X	NA	S	NA	NA		>33 HZ	>33 HZ	NA	DUCT DESIGN CONS ANT

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS OF EQUIPMENT IMPORTANT TO SAFETY CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ZPA				ANA							
			MODEL NO	ELEV	SORT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUELOIL TRFR PMP HOUSE VENT FX0072 F.O. TRANSF PM P 1A SUCT LO-F LOW	CONTROL DEVICES	FS 1FO 24 51A S 00377	N/A	DF31 PIPE MTD	435267 193 IN35	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTED IN NATURAL FREQ.
	FLOW SWITCH	708048 708058	FLUID COMPONENT FR-72-4/S A	245.	IN35-20															
FUELOIL TRFR PMP HOUSE VENT FX0072 F.O. TRANSF PM P 1B SUCT LO-F LOW	CONTROL DEVICES	FS 1FO 24 51B S 00378	N/A	DF31 PIPE MTD	435267 193 IN35	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTED IN NATURAL FREQ.
	FLOW SWITCH	708048 708058	FLUID COMPONENT FR-72-4/S A	245.	IN35-20															

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
FUELOIL TRFR PMP HOUSE VENT FX0072 CONTROL AIR FLOW	DAMPERS DAMPER	FP-GD1SA-1 07915 1018REV1	RUSKIN RUSKIN CBS-7-B	DF31 DUCT, VERT 242.	435205 8E-25 90-8E-25-20-S1,S12	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
FUELOIL TRFR PMP HOUSE VENT FX0072 CONTROL AIR FLOW	DAMPERS DAMPER	FP-GD2SA-1 07916 1018REV1	RUSKIN RUSKIN CBS-7-B	DF31 DUCT, HORIZ 242.	435205 8E-25 90-8E-25-20-S1,S12	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
FUELOIL TRFR PMP HOUSE VENT FX0072 CONTROL AIR FLOW	DAMPERS DAMPER	FP-GD3SB-1 07917 1018REV1	RUSKIN RUSKIN CBS-7-B	DF31 DUCT, VERT 242.	435205 8E-25 90-8E-25-20-S1,S12	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
FUELOIL TRFR PMP HOUSE VENT FX0072 CONTROL AIR FLOW	DAMPERS DAMPER	FP-GD4SB-1 07918 1018REV1	RUSKIN RUSKIN CBS-7-B	DF31 SUSP HORIZ 242.	435205 8E-25 90-8E-25-20-S1,S12	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #														
FUELOIL TRFR PMP HOUSE VENT FX0072 MOVES AIR	FANS	E-85 (1A-SA) 07760	JOY	DF31	435263	IEEE 344-75,323-74	A	3G HNS	3G. HNS	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	N/A	DUCT DESIGN CONSTANT
	FAN & MOTOR	JOY RPT # S1&S259	JOY	CLG	3E-17A 90-9E-1			3G HEW	3G HEW										
			S-1000 18-14-1750	250.	17A-20 S1,S1C			3G V	3G V										
FUELOIL TRFR PMP HOUSE VENT FX0072 MOVES AIR	FANS	E-85 (1A-SB) 07761	JOY	DF31	435263	IEEE 344-75,323-74	A	3G HNS	3G HNS	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	N/A	DUCT DESIGN CONSTANT
	FAN & MOTOR	JOY RPT # S1&S259	JOY	CLG	3E-17A 90-9E-1			3G HEW	3G HEW										
			S-1000 18-14-1750	250.	17A-20 S1,S1C			3G V	3G V										
FUELOIL TRFR PMP HOUSE VENT FX0072 MOVES AIR	FANS	E-85 (1B-SA) 07762	JOY	DF31	435263 189	IEEE 344-75,323-74	A	3G HNS	3G HNS	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	N/A	DUCT DESIGN CONSTANT
	FAN & MOTOR	JOY RPT # S1&S259	JOY	CLG	3E-17A 90-9E-1			3G HEW	3G HEW										
			S-1000 18-14-1750	250.	17A-20 S1,S1C			3G V	3G V										
FUELOIL TRFR PMP HOUSE VENT FX0072 MOVES AIR	FANS	E-85(1B-SB) 07763	JOY	DF31	435263	IEEE 344-75,323-74	A	3G HNS	3G HNS	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	N/A	DUCT DESIGN CONSTANT
	FAN & MOTOR	JOY RPT # S1&S259	JOY	CLG	3E-17A 90-9E-1			3G HEW	3G HEW										
			S-1000 18-14-1750	250.	17A-20 S1,S1C			3G V	3G V										

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
INSTRUMENT AIR IA0018 AIR SPLY TO 2A F- V156SAB-1 ,V157SAB-1,V15	CONTROL DEVICES / PRESSURE SWITCH	PS 1IA 97 90 SA 12135		AB31 LCL 261.	435I46 6 IN46															
INSTRUMENT AIR IA0018 AIR SPLY TO 2A F- V156SAB-1 ,V157SAB-1,V15	CONTROL DEVICES / PRESSURE SWITCH	PS 1IA 97 91 SB 12134		AB31 LCL 261.	435I46 7 IN46															

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
INSTRUMENT AIR IA0018 IA AT CONTAINM ENT BLDG PENET RATEON M-808	VALVES CHECK 3	2IA-V33SN -1 05211 SOE5796	ANCHOR DARLING V ANCHOR DARLING V 3",150#,	CB1 PIPE MTD 236.	435013 006 M-33A 50-M33 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VERT	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
INSTRUMENT AIR IA0018 IA AT CONTAINM ENT BLDG PENET RATNON M-809	VALVES GATE 3	2IA-V34SA -1 05212 SOE5796	ANCHOR DARLING V ANCHOR DARLING V 3",150#,P	AB21 PIPE MTD 236.	435013 007 M-33A 50-M33 A-20	ASME SECT III 71ED SUM 72ADD	A	D	1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
INSTRUMENT AIR IA0018 ISO VALVE W/ L IMIT SWITCHES UNIN 2 DWG #13	VALVES SOLENOID VALVE	2IA-V34SA -1 09169	ANCHOR DARLING V PARKER HANNIFIN H202- NC50	AB21 VLV MTD 236.	435013 007 M-33A 50-M33 A-20	IEEE 344-75	D	D			X									
INSTRUMENT AIR IA0018 ISO VALVE W/ L IMIT SWITCHES UNIN 2 DWG #13	VALVES LIMIT SWITCH	2IA-V34SA -1 09170	ANCHOR DARLING V NAMCO D2400X-2 & 2SR	AB21 VLV MTD 236.	435013 007 M-33A 50-M33 A-20	IEEE 344-75	D	D			X									
INSTRUMENT AIR IA0018 ISO VALVE W/ LIMIT SWITCHES UNIN 2 DWG #13	VALVES LIMIT SWITCH (2 OF 2)	2IA-V34SA -1 11860 EA-186 QTR-105	LATER D2400X-2SR	AB21 236.		IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
INSTRUMENT AIR IA0018 TEST CONN FOR CONTAIN ISO VA E	VALVES GLOBE 1	2IA-V74SN -1 05213 952677-02	YARWAY YARWAY 5515B-SA 105	CB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1.0G VERT	3.0G HOR 2.0G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS		ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q I												
LEAK RATE TESTING LTOCCO CONTAINMENT PR E ENTRY PUR GE MON (SPA	CONTROL DEVICES / RADIATION CONTROLLER(DIR	RC 1LT 35 028 SB 12009	GENERAL ATOMIC 0352-1201	RMC-1	435220 N-29														

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
LEAK RATE TESTING LTOOOO COMP. AIR SUPPLY/EXHAUST TO NB FOR LEAK	VALVES GATE .8	2LT-V1SN-1 05214 S0E9C74	ANCHOR DARLING V ANCHOR DARLING V 8",150#,H	A.B PIPE MTD 236.	435013 086 M-334 50-M33 A-20	ASME SECT III 71ED SUM 72ADD	A	D	1.5G HOR 1 G VER	3.G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
LEAK RATE TESTING LTOOOO FLANGE ON 2LT8-1SN-1 1 VNLVE 2LT VI	VALVES GLOBE 1	2LT-V11SN-1 05218 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
LEAK RATE TESTING LTOOOO FLANGE ON 2LT-2SN-1 1 VNLVE 2LT-V1	VALVES GLOBE 1	2LT-V12SN-1 05219 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
LEAK RATE TESTING LTOOOO FLANGE ON 2LT-3SN 1 VNLVE 2LT-V-	VALVES GLOBE 1	2LT-V13SN-1 05220 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
LEAK RATE TESTING LTOOOO FLANGE ON 2LT-3SN 1 VNLVE 2LT-V-	VALVES GLOBE 1	2LT-V13SN-1 05221 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
LEAK RATE TESTING LTOOOO FROM CB TO LEAKAGE TEST N	VALVES GLOBE 1	2LT-V2SN-1 05217 952667-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2LT-V1SN-1 ----2LT-V3SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
LEAK RATE TESTING LTOCOO FROM CB TO LEAKAGE TEST N	VALVES GLOBE 1	2LT-V3SN-1 05216 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
LEAK RATE TESTING LTUCOO FROM CB TO LEAKAGE TEST N	VALVES GLOBE 1	2LT-V4SN-1 05215 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS		ZPA			ANA							
			MODEL NO	ELEV	SORT #		Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
LUBE OIL	ANNUNCIA	AUX L O P		DG31														
	TORS	UMP (1B)			1R9													
L00017		08537																
	MOTOR																	
				261.														
M																		

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO. 977
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
LUBE OIL LO0017 M	PUMPS	AUX L O P UMP (1A) G8536		DG31 261.																DIESEL CHECK IN MECH

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	ELDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	TUS		OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
LUBE OIL	VALVES	AUX L O P		DG31																
		UMP (1A)			189															
L00C17		09277																		
	MOTOR			261.																
LUBE OIL	VALVES	AUX L O P		DG31																
		UMP (1B)			189															
L00017		09278																		
	MOTOR			261.																

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS		ZPA				ANA							
			MODEL NO	ELEV	SORT #		Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
MAIN STEAM MSMS MAIN STEAM LINE RMS	CONTROL DEVICES RADIATION CONTROLLER(DIR	RC 1MS 35 91 SB 12146	GENERAL ATOMIC	RMC-1	435220 --- N-29														
MAIN STEAM MSMS MAIN STEAM LINE RMS	CONTROL DEVICES RADIATION CONTROLLER(DIR	RC 1MS 35 92 SB 12148	GENERAL ATOMIC	RMC-1	435220 --- N-29														
MAIN STEAM MSMS MAIN STEAM LINE RMS	CONTROL DEVICES RADIATION CONTROLLER(DIR	RC 1MS 35 93 SB 12150	GENERAL ATOMIC	RMC-1	435220 --- N-29														

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM MSO008 MN STM PRESS R ELIEFVA CONTRO LLER	CONTROLL ERS PRESSURE CONTROL LER(DIRE	PC 1MS 03 08A SA 00075 ESE-13	WESTINGH'S E WISD	AB52 PIC-C-9 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA912-10,37,60,88,191,212	PC308A
MAIN STEAM MSO008 MN STM PRESS R ELIEFVA CONTRO LLER	CONTROLL ERS PRESSURE CONTROL LER(DIRE	PC 1MS 03 08B SB 00074 ESE-13	WESTINGH'S E WISD	AB52 PIC-C10 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA912-10,37,60,88,191,212	PC308B
MAIN STEAM MSO008 MN STM PRESS R ELIEFVA CONTRO LLER	CONTROLL ERS PRESSURE CONTROL LER(DIRE	PC 1MS 03 08C SA 00073 ESE-13	WESTINGH'S E WISD	AB52 PIC-C9 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA912-10,37,60,88,191,212	PC308C
MAIN STEAM MSO008	CONTROLL ERS	RC-1MS-35 91SA 11917 1.0A 1 52.1XJF $			IN03-20	2.1XJ F $ 3 9			14	00 0000 0007 3787 0372	817. 0447 C.0 102. 0281 4.04	465. 0 10 3.0M 1586 67S0 6 81	15	1 3 0.0X JF $ 3 10	14	110 E 14 #17	0 UCN ONE	970372 817.04 470.0 102.02 814.04 465.0	104.0M1586 67S06 7115 110F 14#1738 0A 0 UCNONE
MAIN STEAM MSO008	CONTROLL ERS	RC-1MS-35 92SA 11919 103.0M158 667S06 83			IN03-20	67S06 7315 111C 14 #1738	3	A	0	1 5 2.1X JF $ 3 16	14	00 0000	00	1586 67S0 6 84 1511 10	1 4#17 384A 0	UCN ONE 1 .0A 1 52.	073 837 037 281 7.0 447	102 .02 806 .C4 465 .0	7 14	00000000 0738470372 817.04470. 0 102.0280 6.04465.0
MAIN STEAM MSO008	CONTROLL ERS	RC-1MS-35 93SA 11921 ESE-3A			IN03-20	IEEE 323-7 4,344 -75	A				X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB-82,172 235295 392, 461	1FT0484

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
MAIN STEAM MS0008 AUX FW TO PMP STM PRES	INDICATORS PRESSURE DIRECT INDICATOR	PI 1MS 030. 1 SB 00132 ESE-14	WESTINGH'SE W RID VX-252	AB52 MCB-181 305.	435002 A-32	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191 212	PI430.1
MAIN STEAM MS0008 AUX FW TO PMP STM PRES N	INDICATORS PRESSURE DIRECT INDICATOR	PI 1MS 04 30.2 SB 00131 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252	AB43 ACP 286.	435190 IN05 IN05-20	IEEE 323-'74,344-'75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICA-TION REPO T IS STILL IN REVIEW
MAIN STEAM MS0008 CH II SG A STEAM PRESS.	INDICATORS PRESSURE DIRECT INDICATOR	PI 1MS 04 74.1 SB 00167 ESE-14	WESTINGH'SE W VX-252	AB52 MCB-181 305.	435002 A-32	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PI474.1
MAIN STEAM MS0008 CH II SG A STEAM PRESS. N	INDICATORS PRESSURE DIRECT INDICATOR	PI 1MS 04 74.2 SB 00168 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252	AB43 ACP 286.	435190 IN05 IN05-20	IEEE 323-'74,344-'75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICA-TION REPO T IS STILL IN REVIEW
MAIN STEAM MS0008 CH III SG A STEAM PRESS.	INDICATORS PRESSURE DIRECT INDICATOR	PI 1MS 04 75 SA 00172 ESE-14	WESTINGH'SE W VX-252	AB52 MCB-181 305.	435002 A-32	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37,60,88,191,212	PI475
MAIN STEAM MS0008 CH IV SG A STEAM	INDICATORS PRESSURE DIRECT INDICATOR	PI 1MS 04 76 SB 00176 ESE-14	WESTINGH'SE W VX-252	AB52 MCB-181 305.	435002 A-32	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PI476

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITY	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
MAIN STEAM MS0008 CH II SG B STEAM PRESS.	INDICATORS PRESSURE DIRECT INDICATO	PI 1MS 0484 SB 11955	WESTINGH'S E WESTINGH'S E VX-252 WS0-3	MCB-1B1	435002 A-02															
MAIN STEAM MS0008 CH III SG B STEAM PRESS.	INDICATORS PRESSURE DIRECT INDICATO	PI 1MS 0485.1 SA 00187 ESE-14	WESTINGH'S E W VX-252	AB52 MCB-1B1 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PI485.1
MAIN STEAM MS0008 CH III SG B STEAM PRESS N	INDICATORS PRESSURE DIRECT	PI 1MS 0486 SA 00188 EP-0056-1	RELIANCE ELECTRIC WESTINGH'S E VX-252	AB43 ACP 286.	435190 INDS INDS-20	IEEE 323-74,344-75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICATION REPO T IS STILL IN REVIEW
MAIN STEAM MS0008 CH IV SG B STEAM PRESS.	INDICATORS PRESSURE DIRECT INDICATO	PI 1MS 0486 SB 00191 ESE-14	WESTINGH'S E W VX-252	AB52 MCB-1B1 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37,60,88,191,212	PI486
MAIN STEAM MS0008 CH II SG C STEAM PRES	INDICATORS PRESSURE DIRECT INDICATO	PI 1MS 0494 SB 00201 ESE-14	WESTINGH'S E W VX-252	AB52 MCB-1B1 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,88,191,212	PI494
MAIN STEAM MS0008 CH III SG C STEAM PRES	INDICATORS PRESSURE DIRECT INDICATO	PI 1MS 0495 SA 00205 ESE-14	WESTINGH'S E W VX-252	AB52 MCB-1B1 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PI495

TAGS INCLUDED: PI 1MS 0484 SB----PI 1MS 0496.1 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO. 983
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	INDICATO RS	PI 1MS 04 96.1 SB 00208	WESTINGH'S E W	AB52 MCB-181	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,88 191, 212	PI496.1
MS0008 CH IV SG C STEAM PRES	PRESSURE DIRECT INDICATO		VX-252	305.																
MAIN STEAM	INDICATO RS	PI 1MS 04 96.2 SB 00209	RELIANCE ELECTRIC WESTINGH'S E	AB43 ACP	435190 IN05 IN05-20	IEEE 323-74, 344-75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64, 104, 152, 199, 252	QUALIFICA -TION REPO T IS STILL IN REVIEW
MS0008 CH IV SG C STM PRES N	PRESSURE DIRECT INDICATO	EP-0056-1	VX-252	286.																

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
MAIN STEAM MS0C08 SG A MAIN STM RELIEF VALVE	INST. RACKS AND PANELS PRESSURE MAN/AUTO OR CON	PK 1MS 03 08A1 SA 00080 ESE-12	WESTINGH'S E W 8802D01G06	AB52 MCB-1B1 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			SF	SD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,88 191, 212	PK308A1
MAIN STEAM MS0C08 SG A MN STM RELIEF VALVE	INST. RACKS AND PANELS PRESSURE MAN/AUTO OR CON	PK 1MS 03 C8A2 SA 00081 EP-0056-1	RELIANCE ELECTRIC WESTINGH'S E W-7300 (8802	AB43 ACP 286.	435190 IN05 IN05-20	IEEE 323-'74, 344-'75	B	C	S/S 0.25 F/B .30 VERT 0.25	S/S 0.40 F/B .47 VERT 0.44	X								RAB1-15,64, 104, 152, 199, 252	QUALIFICATION REPORT IS STILL IN REVIEW
MAIN STEAM MS0C08 SG B MAIN STM RELIEF VALVE	INST. RACKS AND PANELS PRESSURE MAN/AUTO OR CON	PK 1MS 03 08B1 SB 00079 ESE-12	WESTINGH'S E W 8802D01G06	AB52 MCB-1B1 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			SF	SD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37, 60,88, 191, 212	PK308B1
MAIN STEAM MS0C08 SG B MN STM RELIEF VALVE	INST. RACKS AND PANELS PRESSURE MAN/AUTO OR CON	PK 1MS 03 08B2 SB 00076	RELIANCE ELECTRIC WESTINGH'S E 8802D01G6	AB41 ACP 286.	435190 A-02 IN05			D											RAB1 64,152 329 15,104 289	PK0308B2
MAIN STEAM MS0C08 SG C MAIN STM RELIEF VALVE	INST. RACKS AND PANELS PRESSURE MAN/AUTO OR CON	PK 1MS 03 08C1 SA 00077 ESE-12	WESTINGH'S E W 8802D01G06	AB52 MCB 1B1 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			SF	SD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37, 60,88, 191, 212	PK308C1
MAIN STEAM MS0C08 SG C MN STM RELIEF VALVE	INST. RACKS AND PANELS PRESSURE MAN/AUTO OR CON	PK 1MS 03 08C2 SA 00078 EP-0056-1	RELIANCE ELECTRIC WESTINGH'S E W-3700 (8802	AB43 ACP 286.	435190 IN05 IN05-20	IEEE 323-'74, 344-'75	B	C	S/S 0.25 F/B .30 VERT 0.25	S/S 0.40 F/B .47 VERT 0.44	X								RAB1-15,64, 104, 152, 199, 252	QUALIFICATION REPORT IS STILL IN REVIEW

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	LIMIT SW	LS 1MS 03		AB32	435271	IEEE	A	B	3	4.5	YES	N/A	S	SF	MD	34	34	35	N/A	
	ITCHES	C9A S		LCL	6	344-			HORZ	HORZ				(OBE		HZ	HZ	HZ		
MS0008		00084	MAGNETROL		IN32	75			3	4.5				) MF						R
MN STM HDR DRN	LEVEL SW	NO 46345-			IN32-				VERT	VERT				(SSE						
POT LVL HI	ITCH	1	17-7-751	263.	20									)						
E																				
MAIN STEAM	LIMIT SW	LS 1MS 03		AB32	435271	IEEE	A	B	3	4.5	YES	N/A	S	SF	MD	34	34	35	N/A	
	ITCHES	09B S		LCL	7	344-			HORZ	HORZ				(OBE		HZ	HZ	HZ		
MS0008		00086	MAGNETROL		IN32	75			3	4.5				) MF						R
MN STM HDR DRN	LEVEL SW	NO 46345-			IN32-				VERT	VERT				(SSE						
POT LVL HI	ITCH	1	17-7-751	263.	20									)						
E																				
MAIN STEAM	LIMIT SW	LS 1MS 03		AB32	435271	IEEE	A	B	3	4.5	YES	N/A	S	SF	MD	34	34	35	N/A	
	ITCHES	09C S		CONN	8	344-			HORZ	HORZ				(OBE		HZ	HZ	HZ		
MS0008		00085	MAGNETROL	MTD	IN32	75			3	4.5				) MF						R
MN STM HDR DRN	LEVEL SW	NO 46345-			IN32-				VERT	VERT				(SSE						
POT LVL HI	ITCH	1	17-7-751	263.	20									)						
E																				
MAIN STEAM	LIMIT SW	LS 1MS 04		AB21	435271	IEEE	A	C	3	4.5	YES	N/A	S	SF	MD	34	34	35	N/A	
	ITCHES	30 S		CONN	9	344-			HORZ	HORZ				(OBE		HZ	HZ	HZ		
MS0008		00130	MAGNETROL	MTD	IN32	75			3	4.5				) MF						
AUX TURB FWP S	LEVEL SW	NO 46345-			IN32-				VERT	VERT				(SSE						
TM DRN POT L	ITCH	1	17-7-751	244.	20									)						
VL SW																				
MAIN STEAM	LIMIT SW	LS 1MS 04		AB21	435271	IEEE	A		3	4.5	YES	N/A	S	SF	MD	34	34	35	N/A	
	ITCHES	35 S		CONN	5	344-			HORZ	HORZ				(OBE		HZ	HZ	HZ		
MS0008		00145	MAGNETROL	MTD	IN32	75			3	4.5				) MF						
STM TO AUX TUR	LEVEL SW	NO 46345-			IN32-				VERT	VERT				(SSE						
B DRN POT L	ITCH	1	17-7-751	237.	20									)						
VL HI																				

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
MAIN STEAM MSO008	RECORDER S	PR 1MS 04 75 S 00173	WESTINGH'S E W CID	AB52 RCOR PNL	435002 A-02	JEEE 323-74,344	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PR475
PEN-1 SG A STM PRESPEN-2 SG B STM PRESPEN-	PRESSURE RECORDER OR PRI	ESE-15	17450	305.		-75														
MAIN STEAM MSMS MAIN STEAM LINE RMS	RECORDER S RADIATION RECORDER OR PR	RR 1MS 35 91 SB 12147	GENERAL ATOMIC	RMC-1	435220 --- N-29															
MAIN STEAM MSMS MAIN STEAM LINE RMS	RECORDER S RADIATION RECORDER OR PR	RR 1MS 35 92 SB 12149	GENERAL ATOMIC	RMC-1	435220 --- N-29															
MAIN STEAM MSMS MAIN STEAM LINE RMS	RECORDER S RADIATION RECORDER OR PR	RR 1MS 35 93 SB 12151	GENERAL ATOMIC	RMC-1	435220 --- N-29															
MAIN STEAM MSO008	RECORDER S	RR-1MS-35 91SA 11918			IN33-20															
MAIN STEAM MSO008	RECORDER S	RR-1MS-35 92SA 11920 1.0A 1 52.1XJF $			IN33-20	0.0XJ F $ 3 1R			14	0C 0000 0007 3857 0372	817. 0447 0.0 102. 0280 6.04	465. 0 10 4.0M 1586 6750 6 72	15	1 5 2.1X JF $ 3 21	14		111 F 14 #17	0 0CN ONE	970372 817.04 470.0 102.02 798.04 468.0	102.0M1586 67S06 8815 112A 14#1739 0A 0 0CNONE

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
MAIN STEAM	RELAYS	RLY 1MS12	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		73-CR1	CONTROL	ARP-		323-			2.4	2.9									10,37,	
MS0008		10992	POTTER	19ASA	IN13	'74			F/B=	F/B=									60,88,	R
MS LINE 1A DRN	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
ISOLVA 2MS-V5	N SIG.CO		MDR137-8	305.	20	'75			V=	V=									212	
9-SEB-1 INTL	ND.OR FU								2.4	2.9										
MAIN STEAM	RELAYS	RLY 1MS12	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		73-CR2	CONTROL	ARP-		323-			2.4	2.9									10,37,	
MS0008		11094	POTTER	198SB	IN13	'74			F/B=	F/B=									60,88,	R
MS LINE 1A DRN	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
ISOLVA 2MS-V5	N SIG.CO		MDR138-8	305.	20	'75			V=	V=									212	
9-SEB-1 INTL	ND.OR FU								2.4	2.9										
MAIN STEAM	RELAYS	RLY 1MS19	SYSTEM	AB52	435246	IEEE-	A	D	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		74	CONTROL	ARP-		323-			2.4	2.9									10,37,	
MS0008		11089	POTTER	198SB	IN13	'74			F/B=	F/B=									60,88,	
AUX FW TURB 1X	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
-SB STM C ISO	N SIG.CO		MDR137-8	305.	20	'75			V=	V=									212	
L VN 2MS-	ND.OR FU								2.4	2.9										
MAIN STEAM	RELAYS	RLY 1MS98	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		4-CR1	CONTROL	ARP-		323-			2.4	2.9									10,37,	
MS0008		11051	POTTER	1ASA	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1A MS	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
ISOL BYP VA 2M	N SIG.CO		MDR137-8	305.	20	'75			V=	V=									212	
S-FE-SAB-1	ND.OR FU								2.4	2.9										
MAIN STEAM	RELAYS	RLY 1MS98	SYSTEM	AB52	435246			B												
		4-CR2	CONTROL	ARP-																
MS0008		11118	POTTER	18SB	IN13															R
STM GEN 1A MS	RADIATIO	15761	BRUMFIELD		IN13-															
ISOL BYP VA 2M	N SIG.CO		MDR137-8	305	20															
S-FE-SAB-1INTL	ND.OR FU																			
MAIN STEAM	RELAYS	RLY 1MS98	SYSTEM	AB52	435246	IEEE-	A	B	S/S=	S/S=	X	NA	NA	MF	MD	NA	NA	NA	RAB12-	
		5-CR1	CONTROL	ARP-		323-			2.4	2.9									10,37,	
MS0008		11052	POTTER	1ASA	IN13	'74			F/B=	F/B=									60,88,	R
STM GEN 1B MS	RADIATIO	15761	BRUMFIELD		IN13-	344-			2.4	2.9									191,	
ISOL BYP VA 2M	N SIG.CO		MDR137-8	305.	20	'75			V=	V=									212	
S-FE-SAB-1INTL	ND.OR FU								2.4	2.9										

TAGS INCLUDED: RLY 1MS1273-CR1----RLY 1MS985-CR2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	TUS Q	I.	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
MAIN STEAM MS0008 STM GEN 1B MS ISOL BYP VA 2M S-FE-SAB-1INTL	RELAYS RADIATION SIG.CONDOR FU	RLY 1MS98 5-CR2 11119 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-1BS3 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
MAIN STEAM MS0008 STM GEN 1C MS ISOL BYP VA 2M S-FE-SAB-1INTL	RELAYS RADIATION SIG.CONDOR FU	RLY 1MS98 6-CR1 11053 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-1ASA 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
MAIN STEAM MS0008 STM GEN 1C MS ISOL BYP VA 2M S-FE-SAB-1INTL	RELAYS RADIATION SIG.CONDOR FU	RLY 1MS98 6-CR2 11120 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-1BS3 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	TUS Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
MAIN STEAM	SENSORS	FT 1MS 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	
		74 III	E	C1R 2	008	323-7										HZ	HZ	HZ	82,172	
MS0008		00164	BARTON	RPS-	A-02	4,344													235,	
SG 1A STEAM FL	FLOW TRA	ESE-3A				-75													295,	
OW PR ST III	NSMITTER		764 GROUP	236.															392,	FT474
N			A																461	
MAIN STEAM	SENSORS	FT 1MS 04	WESTINGH'S	CB31	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	
		75 IV	E	C1R 7	010	323-7										HZ	HZ	HZ	70,160	
MS0008		00169	BARTON	RPSTV	A-02	4,344													227,	
SG 1A STEAM FL	FLOW TRA	ESE-3A				-75													287,	
OW PR ST IV	NSMITTER		764 GROUP	263.															386,	FT475
			A																457	
MAIN STEAM	SENSORS	FT 1MS 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	
		84 III	E	C1R 8	014	323-7										HZ	HZ	HZ	82,172	
MS0008		00181	BARTON	RPS-	A-02	4,344													235,	
SG 1B STEAM FL	FLOW TRA	ESE-3A				-75													295,	
OW PR ST III	NSMITTER		764 GROUP	236.															392,	FT484
N			A																461	
MAIN STEAM	SENSORS	FT 1MS 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	NA	
		85 IV	E	PIPE	016	323-7										HZ	HZ	HZ		
MS0008		00184	BARTON	MTD	A-02	4,344														
SG 1B STEAM FL	FLOW TRA	ESE-3A				-75														
OW PR ST IV	NSMITTER		764 GROUP	236.																FT485
N			A																	
MAIN STEAM	SENSORS	FT 1MS 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RB-	
		94 III	E	C1R13	020	323-7										HZ	HZ	HZ	82,172	
MS0008		00199	BARTON	RPS-	A-02	4,344													235,	
SG 1C STEAM FL	FLOW TRA	ESE-3A				-75													295,	
OW PR ST III	NSMITTER		764 GROUP	236.															392,	FT494
N			A																461	
MAIN STEAM	SENSORS	FT 1MS 04	WESTINGH'S	CB21	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	NA	
		95 IV	E	PIPE	022	323-7										HZ	HZ	HZ		
MS0008		00202	BARTON	MTD	A-02	4,344														
SG 1C STEAM FL	FLOW TRA	ESE-3A				-75														
OW PR ST IV	NSMITTER		764 GROUP	236.																FT495
N			A																	

TAGS INCLUDED: FT 1MS 0474 III----PT 1MS 0308A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
MAIN STEAM	SENSORS	PT 1MS 03		AB32	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		08A SA		A1R33	135	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
MS0008		00082	ROSEMOUNT	ESF-A	IN01	75			S/S	S/S									304,15	FOR BE,
MN STM PRESS A	PRESSURE	108025RB			IN01-	323-			0.30	0.45									6,68,	OBE RESP
	TRANSMI	108026RA	1153G89	261.	20	74			VERT	VERT									258R1	ECT
M	TTER								0.30	0.45										
MAIN STEAM	SENSORS	PT 1MS 03		AB31	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		08B SB		A1R27	134	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
MS0008		00610	ROSEMOUNT	ESF-B	IN01	75			S/S	S/S									304,15	FOR BE,
MN STM PRESS B	PRESSURE	108025RB			IN01-	323-			0.30	0.45									6,68,	OBE RESP
	TRANSMI	108026RA	1153G89	261.	20	74			VERT	VERT									258R1	ECT
M	TTER								0.30	0.45										
MAIN STEAM	SENSORS	PT 1MS 03		AB31	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		08C SA		A1R28	137	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
MS0008		00611	ROSEMOUNT	ESF-A	IN01	75			S/S	S/S									304,15	FOR BE,
MN STM PRESS C	PRESSURE	108025RB			IN01-	323-			0.30	0.45									6,68,	OBE RESP
	TRANSMI	108026RA	1153G89	261.	20	74			VERT	VERT									258R1	ECT
M	TTER								0.30	0.45										
MAIN STEAM	SENSORS	PT 1MS 04		AB21	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		30 SB		A1R29	141	344-			0.30	0.45						HZ	HZ	HZ	116,27	SPECTRUM
MS0008		00659	ROSEMOUNT	ESF-B	IN01	75			S/S	S/S									210,16	FOR DBE,
STM TO AUX TUR	PRESSURE	108025RB			IN01-	323			0.30	0.45									0,72,	OBE RESP
B FW PUMP PRES	TRANSMI	108026RA	1153G89	235.	20	74			VERT	VERT									262R1	ECT
S	TTER								0.30	0.45										

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
MAIN STEAM MSMS MN STM ISO BYP ASS VLV	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1MS03 11 S 11943	BLAKE EQUIPMENT ROBERTSHAW CONTROLS 443-B1	VLV MTD	435174 120 M66H														
MAIN STEAM MSMS MN STM ISO BYP ASS VLV	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1MS03 12 S 11946	BLAKE EQUIPMENT ROBERTSHAW CONTROLS 443-B1	VLV MTD	435176 120 M66H														
MAIN STEAM MSMS MN STM ISO BYP ASS VLV	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1MS03 13 S 11949	BLAKE EQUIPMENT ROBERTSHAW CONTROLS 443-B1	VLV MTD	435176 120 M66H														

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
MAIN STEAM MS0008 RUPTURE DISCH VENT FOR AUX FD PMP TURB EX	SPECIALTIES RUPTUR DISC 16	3MS-X1SAB-1 05342	SOUTH WEST FABRICATNG SOUTH WEST FABRICATNG RKB	AB31 PIPE MTD 261	435043 M-05 50-M30 A-20	ASME SECT III													NA	QUALIFIED AS PART OF PIPING

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM MS0008	VALVES	1 THROTTL E V 08367		TB41 314.																ELEC
MAIN STEAM MS0008	VALVES	2 THROTTL E V 08382		TB41 314.	<															ELEC W/DG
MAIN STEAM MS0008 CH I SG B NAR RGE LEVEL	VALVES LEVEL DI RECT IND ICATOR	2MS P18SA 1 00182 ESE-14	WESTINGH'S E WESTINGH'S E VX-252	AB52 MCB-1B1 305.	435002 < A-02	IEEE-323-74 344-75	A				X			MD	MF	<33 HZ	<33 HZ	<33 HZ	RA912 37,88, 212 10,60, 191	
MAIN STEAM MS0008 I/P 1MS03 11 S	VALVES TRANSDUC ER	2MS-F1SAB -1 00617	ITT HAMMEL DAHL ROBERT SHAW 443-B1	VLV MTD	435176 120 M66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED W/VALVE ASSEMBLY
MAIN STEAM MS0008 BYPASS ISO VLV 2MS-V1SA-1 ON STMGEN 1A-SN	VALVES FLOW CONTL 3	2MS-F1SAB -1 05254 REPORT NO.3191	ITT HAMMEL DAHL ITT HAMMEL DAHL 1510LMC92 EAZ9Z	AB32 PIPE MTD 263.	435176 120 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
MAIN STEAM MS0008 I/P 1MS03 11 S M	VALVES SOLENOID VALVE (2 OF 2)	2MS-F1SAB -1 09175 AOR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 283.	435176 < M66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 1 THROTTLE V ----2MS-F1SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM MS0008 BYPASS ISOVALVE 2MS-VISA-1 ON SMM GEN 1A-S	VALVES LIMIT SWITCH (1 OF 2)	2MS-F1SAB -1 09176 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV. MTD 283.	435176 120 M-66H 50-466 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 MS ISOLATION VALVE BYPASS M	VALVES SOLENOID VLV	2MS-F1SAB -1 10840 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 263.	435176 120 M66H 50-466 H-20	IEEE 344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
MAIN STEAM MS0008 MS ISOLATION VALVE BYPASS M	VALVES LIMIT SWITCH (2 OF 2)	2MS-F1SAB -1 10841 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 120 M66H 50-466 H-20	IEEE 344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
MAIN STEAM MS0008 I/P IMS03 12 S M	VALVES TRANSDUCER	2MS-F2SAB -1 00621	ITT HAMMEL DAHL ROBERT SHAW 443-B1	VLV MTD	435176 120 M66H 50-466 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED W/VALVE ASSE BLY
MAIN STEAM MS0008 ISOLATION VAL M	VALVES FLOW CONTL 3	2MS-F2SAB -1 05255 REPORT NO.3191	ITT HAMMEL DAHL ITT HAMMEL DAHL V510LMC92 EAZ9Z	AB32 PIPE MTD 263.	435176 120 M-66H 50-466 H-20	ASME SECT III 77ED WINTR 77ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
MAIN STEAM MS0008 BYPASS ISO VALVE 2MS-V2S8 -1 MN STM GEN	VALVES SOLENOID VALVE (1 OF 2)	2MS-F2SAB -1 09177 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 263.	435176 120 M-66H 50-466 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2MS-F1SAB-1 ----2MS-F2SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
MAIN STEAM MS0008 MS ISOLATION VALVE BYPASS M	VALVES LIMIT SWITCH (1 OF 2)	2MS-F2SAB -1 09178 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 282.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 BYPASS ISOVALVE 2MS-V2S8-1 ON SMM GEN 1B-S	VALVES SOLENOID VLV (2 OF 2)	2MS-F2SAB -1 10842 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 263.	435176 120 M-66H 50-M66 H-20	IEEE 344-75	A C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
MAIN STEAM MS0008 I/P 1MS03 12 S M	VALVES LIMIT SWITCH (2 OF 2)	2MS-F2SAB -1 10843 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 120 M66H 50-M66 H-20	IEEE 344-75	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 I/P 1MS03 13 S E	VALVES TRANSDUCER	2MS-F3SAB -1 00625	ITT HAMMEL DAHL ROBERT SHAW 443-B1	VLV MTD	435176 120 M66H 50-M66 H-20	IEEE 344-75	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED W/VALVE ASSERBLY
MAIN STEAM MS0008 BYPASS ISO VLV 2MS-VSA-1 ON STMMGEN 1C-SN	VALVES FLOW CONTL 3	2MS-F3SAB -1 05256 REPORT NO.3191	ITT HAMMEL DAHL ITT HAMMEL DAHL V510LMC92 EAZ9Z	AB32 PIPE MTD 263.	435176 120 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V COMPUTER PROGRAM
MAIN STEAM MS0008 I/P 1MS03 13 S E	VALVES SOLENOID VALVE (2 OF 2)	2MS-F3SAB -1 09179 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 282.	435176 < M66H 50-M66 H-20	IEEE 344-75	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2MS-F2SAB-1 ----2MS-F3SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
MAIN STEAM MSC008 BYPASS ISOVALVE 2MS-V3SA-1 ON SEM GEN 1C-S	VALVES LIMIT SWITCH	2MS-F3SAB -1 09180 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 282.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
MAIN STEAM MSC008 MS ISOLATION VALVE BYPASS E	VALVES SOLENOID VLV	2MS-F3SAB -1 10844 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 263.	435176 120 M66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	R
MAIN STEAM MSC008 MS ISOLATION VALVE BYPASS E	VALVES LIMIT SWITCH (2 OF 2)	2MS-F3SAB -1 10845 QTR-105	ITT HAMMEL DAHL NAMCO EA-180-113 G2	AB32 VLV MTD 263.	435176 120 M66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	R
MAIN STEAM MSC008 STM GEN 1A-SN OUTLET CONN UP STRN OF 5MS-P1	VALVES PRESS. CONTR 8	2MS-P18SA -1 05245 WO-21739 -1	CONTROL COMPONENT DRAG VLV OXG9X8-X8B W-10BW	AB32 PIPE MTD 263.	435111 001 M-55 50-M56 -20	ASME SECT III 74ED WNTR 76ADD	A	D	2.25 G HOR 1.5G VERT	4.5G HOR 3.G VERT	X		S	NA			31. 1 HZ		NA	
MAIN STEAM MSC008 POWER OPERATED RELIEF VALVE TO MAINTAIN MS	VALVES ELECTRO-HYDRAULIC OPER.	2MS-P18SA -1 09181 PA87556	CONTROL COMPONENT PAUL-MUNRO E HYDRA 12SA-AD29	AB32 VLV 263.	435111 < M-55 50-M56 -20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	MF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MSC008 POWER OPERATED RELIEF VALVE TO MAINTAIN MS	VALVES LIMIT SWITCH (1OF2)	2MS-P18SA -1 09182 QTR-105	CONTROL COMPONENT NAMCO EA-180	AB32 VLV MTD 263.	435111 < M-55 50-M56 -20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2MS-F3SAB-1 ----2MS-P19SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	ELDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	VALVES	2MS-P19SB	CONTROL	AB32	435111	ASME	A	D	2.2G	4.5G	X		S	NA			31.		NA	
		-1	COMPONENT	PIPE	001	SECT			HOR	HOR							1			
MS0008		05247	DRAG VLV	MTD	M-56	III			1.5G	3G							HZ			
STM GEN 1B-SN	PRESS.	WO-21739			50-456	74ED			VERT	VERT										
OUTLET CONN	CONTR &	-1	OXG9-X8-X8	263.	-20	WNTR														
UPSNRM OF 5MS-			BW-10BW			76ADD														
MAIN STEAM	VALVES	2MS-P19SB	CONTROL	AB32	435111	IEEE	A	D	1.5G	3G	X		NA	MF	MA	>33	>33	>33	NA	
		-1	COMPONENT	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		09183	PAUL-MUNRO	MTD	M-56	75			1G	2G										
STM GEN 1B-SN	ELECTRO-	PA87556	E HYDRA		50-456				VERT	VERT										
OUTLET CONN	HYDRAULI		12SA-AD29	281.	-20															
UPSNRM OF 5MS-	C OPER.																			
MAIN STEAM	VALVES	2MS-P19SB	CONTROL	AB32	435111	IEEE	A	D	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	COMPONENT	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		09184	NAMCO	MTD	M-56	75			1G	2G										
STM GEN 1B-SN	LIMIT	QTR-105			50-456				VERT	VERT										
OUTLET CONN UP	SWITCH (		EA-180	268.	-20															
STRN OF 5MS-P1	(1 OF 2)																			
MAIN STEAM	VALVES	2MS-P20SA	CONTROL	AB32	435111	ASME	A	D	2.25	4.5G	X		S	NA			31.		NA	
		-1	COMPONENT	PIPE	001	SECT			G	HOR							1			
MS0008		05249	DRAG VLV	MTD	M-56	III			HOR	3G							HZ			
STM GEN 1C-SN	PRESS.	WO-21739			50-456	74ED			1.5G	VERT										
OUTLET CONN UP	CONTR &	-1	OXG9-X8-X8	263.	-20	WNTR			VERT											
STRN OF 2MS-P2			BW-10BW			76ADD														
MAIN STEAM	VALVES	2MS-P20SA	CONTROL	AB32	435111	IEEE	A	D	1.5G	3G	X		NA	MF	MD	>33	>33	>33	NA	
		-1	COMPONENT	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		09185	PAUL-MUNRO	MTD	M-56	75			1G	2G										
POWER OPERATED	ELECTRO-	PA87556	E HYDRA		50-456				VERT	VERT										
RELIEF VALVE	HYDRAULI		12SA-AD29	281.	-20															
TO MAINTAIN MS	C OPER																			
MAIN STEAM	VALVES	2MS-P20SA	CONTROL	AB32	435111	IEEE	A	D	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	COMPONENT	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		09186	NAMCO	MTD	M-56	75			1G	2G										
POWER OPERATED	LIMIT	QTR-105			50-456				VERT	VERT										
RELIEF VALVE	SWITCH		EA-180	263.	-20															
TO MAINTAIN MS	(1 OF2)																			

TAGS INCLUDED: 2MS-P19SB-1 ----2MS-R1SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
MAIN STEAM	VALVES	2MS-R1SA-	CROSBY	AB31	435038	ASME	A	B	1.5G	3 G	X		S	SF	SD	>33	>33	>33	NA	
		1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
MSOOO8		05230	CROSBY	MTD	M-55	III			1 G	2 G										R
STM GEN 1A-SN	RELIEF	RPT 3833	6XRX10		50-M55	WINTR			VERT	VERT										
OUTLET CONNECT	SAFE 8		HA75FN	261.	-20	72ADD														
IONETO 2MS-R1S																				
MAIN STEAM	VALVES	2MS-R10SA	CROSBY	AB31	435038	ASME	A		1.5G	3 G	X		S	SF	SD	>33	>33	>33	NA	
		-1		PIPE	004	SECT			HOR	HOR						HZ	HZ	HZ		
MSOOO8		05233	CROSBY	MTD	M-55	III			1 G	2 G										
STM GEN 1A-SN	RELIEF	RPT. 3833	6XRX10		50-M55	WINTR			VERT	VERT										
OUTLET CONNECT	SAFE 8		HA75FN	261.	-20	72ADD														
ION TO 2MS-R10																				
MAIN STEAM	VALVES	2MS-R11SB	CROSBY	AB31	435038	ASME	A	D	1.5G	3 G	X		S	SF	SD	>33	>33	>33	NA	
		-1		PIPE	004	SECT			HOR	HOR						HZ	HZ	HZ		
MSOOO8		05238	CROSBY	MTD	M-55	III			1 G	2 G										
STM GEN 1B-SN	RELIEF	RPT.3833	6XRX10		50-M55	WINTR			VERT	VERT										
OUTLET CONNECT	SAFE 8		HA75FN	261.	-20	72ADD														
IONNTO 2MS-R11																				
MAIN STEAM	VALVES	2MS-R12SA	CROSBY	AB31	435038	ASME	A	C	1.5G	3 G	X		S	SF	SD	>33	>33	>33	NA	
		-1		PIPE	004	SECT			HOR	HOR						HZ	HZ	HZ		
MSOOO8		05243	CROSBY	MTD	M-55	III			1 G	2 G										
STM GEN 1C-SN	RELIEF	RPT.3833	6XRX10		50-M55	WINTR			VERT	VERT										
OUTLET CONNECT	SAFE 8		HA75FN	261.	-20	72ADD														
IONMTO 2MS-R12																				
MAIN STEAM	VALVES	2MS-R13SA	CROSBY	AB31	435038	ASME	A	C	1.5G	3 G	X		S	SF	SD	>33	>33	>33	NA	
		-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
MSOOO8		05234	CROSBY	MTD	M-55	III			1 G	2 G										
STM GEN 1A-SN	RELIEF	RPT.3833	6XRX10		50-M55	WINTR			VERT	VERT										
OUTLET CONNECT	SAFE 8		HA75FN	261.	-20	72ADD														
IONMTO 2MS-R13																				
MAIN STEAM	VALVES	2MS-R14SB	CROSBY	AB31	435038	ASME	A	D	1.5G	3 G	X		S	SF	SD	>33	>33	>33	NA	
		-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
MSOOO8		05239	CROSBY	MTD	M-55	III			1 G	2 G										
STM GEN 1B-SN	RELIEF	RPT.3833	6XRX10		50-M55	WINTR			VERT	VERT										
OUTLET CONNECT	SAFE 8		HA75FN	261.	-20	72ADD														
IONNTO 2MS-R14																				

TAGS INCLUDED: 2MS-R1SA-1 ----2MS-R15SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
MAIN STEAM	VALVES	2MS-R15SA-1	CROSBY	AB31 PIPE	435038 005	ASME SECT	A	C	1.5G HOR	3 G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05244	CROSBY	MTD	M-55	III			1 G	2 G										
STM GEN 1C-SN	RELIEF	RPT.3833	6XRX10		50-M55	WINTR			VERT	VERT										
OUTLET CONNECT	SAFE 8		HA75FN	261.	-20	72ADD														
IONMTO 2MS-R15																				
MAIN STEAM	VALVES	2MS-R2SB-1	CROSBY	AB31 PIPE	435038 001	ASME SECT	A	C	1.5G HOR	3 G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05235	CROSBY	MTD	M-55	III			1 G	2 G										
STM GEN 1B-SN	RELIEF	RPT.3833	6XRX10		50-M55	WINTR			VERT	VERT										
OUTLET CONNECT	SAFE 8		HA75FN	261.	-20	72ADD														
IONMTO 2MS-R2S																				
MAIN STEAM	VALVES	2MS-R3SA-1	CROSBY	AB31 PIPE	435038 001	ASME SECT	A	C	1.5G HOR	3 G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05240	CROSBY	MTD	M-55	III			1 G	2 G										
STM GEN 1C-SN	RELIEF	RPT.3833	6XRX10		50-M55	WINTR			VERT	VERT										
OUTLET CONNECT	SAFE 8		HA75FN	261.	-20	72ADD														
IONMTO 2MS-R3S																				
MAIN STEAM	VALVES	2MS-R4SA-1	CROSBY	AB31 PIPE	435038 002	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05231	CROSBY	MTD	M-55	III			1 G	2 G										R
STM GEN 1A-SN	RELIEF	RPT.3833	6XRX10		50-M55	WINTR			VERT	VERT										
OUTLET CONNECT	SAFE 8		HA75FN	261.	-40	72ADD														
IONETO 2MS-R4S																				
MAIN STEAM	VALVES	2MS-R5SB-1	CROSBY	AB31 PIPE	435038 002	ASME SECT	A	C	1.5G HOR	3 G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05236	CROSBY	MTD	M-55	III			1 G	2 G										
STM GEN 1B-SN	RELIEF	RPT.3833	6XRX10		50-M55	WINTR			VERT	VERT										
OUTLET CONNECT	SAFE 8		HA75FN	261.	-20	72ADD														
IONMTO 2MS-R5S																				
MAIN STEAM	VALVES	2MS-R6SA-1	CROSBY	AB31 PIPE	435038 002	ASME SECT	A	C	1.5G HOR	3 G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05241	CROSBY	MTD	M-55	III			1 G	2 G										
STM GEN 1C-SN	RELIEF	RPT.3833	6XRX10		50-M55	WINTR			VERT	VERT										
OUTLET CONNECT	SAFE 8		HA75FN	261.	-20	72ADD														
IONMTO 2MS-R6S																				

TAGS INCLUDED: 2MS-R15SA-1 ----2MS-R7SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1000
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM MS0008 STM GEN 1A-SN OUTLET CONNECT IONETO 2MS-R7S	VALVES RELIEF SAFE 8	2MS-R7SA-1 05232 RPT.3833	CROSBY CROSBY 6XRX10 HA75FN	AB31 PIPE MTD 261.	435038 003 M-55 50-M55 -20	ASME SECT III WINTR 72ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
MAIN STEAM MS0008 STM GEN 1B-SN OUTLET CONNECT IONMTO 2MS-R8S	VALVES RELIEF SAFE 8	2MS-R8SB-1 05237 RPT.3833	CROSBY CROSBY 6XRX10 HA75FN	AB31 PIPE MTD 261.	435038 003 M-55 50-M55 -20	ASME SECT III WINTR 72ADD	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 STM GEN 1C-SN OUTLET CONNECT IONMTO 2MS-R9S	VALVES RELIEF SAFE 8	2MS-R9SA-1 05242 RPT.3833	CROSBY CROSBY 6XRX10 HA75FN	AB31 PIPE MTD 261.	435038 003 M-55 50-M55 -20	ASME SECT III WINTR 72ADD	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 FROM PEN M-3 T O ISOVAL 2MS--V1SE1 SPEC PIP	VALVES GLOBE 34	2MS-V1SAB-1 05339 191571	WESTINGH'S E ROCKWELL FIG.1612GJ MMTY(WCC)	AB32 PIPE MTD 261.	NSSS MSVA S0223	ASME SECT III		B			X		D	NA					NA	W TAG NO. 32IA64R ACTIRE VALVE
MAIN STEAM MS0008 ISOLATION VAL M	VALVES SOLENOID VALVE	2MS-V1SAB-1 09187	WESTINGH'S E ASCO NP8321A6	???? VLV MTD *****	NSSS MSVA S0223	IEEE		C			X								NA	W TAG NO 32IA64R ACTI E VALVE
MAIN STEAM MS0008 ISOLATION VAL M	VALVES LIMIT SWITCH	2MS-V1SAB-1 09188	WESTINGH'S E NAMCO EL-120	???? VLV MTD 2611.	NSSS MSVA S0223	IEEE		C			X								NA	W TAG NO 32IA64R ACTI E VALVE

TAGS INCLUDED: 2MS-R7SA-1 ----2MS-V1U1SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1001
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	VALVES	2MS-V101S A-1	YARWAY	AB31 PIPE	435056 003	ASME SECT.	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05258	YARWAY	MTD	M-34Y	III			1G	2G										R
DRAIN FOR DRAIN POT ON DRAIN STAEION	GLOBE 2	952677-04	5515B-SA 105	261.	50-M34 Y-20	74ED WINTR 76ADD			VERT	VERT										
MAIN STEAM	VALVES	2MS-V102S B-1	YARWAY	AB32 PIPE	435056 003	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05260	YARWAY	MTD	M-34Y	III			1G	2G										R
DRAIN FOR DRAIN POT ON DRAIN STAEION	GLOBE 2	952677-04	5515B-SA 105	263.	50-M34 Y-20	74ED WINTR 76ADD			VERT	VERT										
MAIN STEAM	VALVES	2MS-V103S A-1	YARWAY	AB31 PIPE	435056 003	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05262	YARWAY	MTD	M-34Y	III			1G	2G										R
DRAIN FOR DRAIN POT ON DRAIN STAEION	GLOBE 2	952677-04	5515B-SA 105	261.	50-M34 Y-20	74ED WINTR 76ADD			VERT	VERT										
MAIN STEAM	VALVES	2MS-V122S AB-1	ITT HAMMEL DAHL	AB32 VLV	435176 123	ASME SECT	A	C	1.5G HOR	3G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP V
MS0008		05251	ITT HAMMEL	MTD	M-66H	III			1G	2G										COMPUTER
STM GEN 1A-SN OUTLET CONN UP MAIM STM ANALY	GLOBE 1	REPORT NO.3054	DAHL NP832GA175 E	263.	50-M66 H-20	77ED WINTR 77ADD			VERT	VERT										PROGRAM
MAIN STEAM	VALVES	2MS-V122S AB-1	ITT HAMMEL DAHL	AB32 VLV	435176 <	IEEE 344-	A	C	1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		09189	ASCO	MTD	M-66H	75			1G	2G										
ISOLATION VALVE FOR MS SAMPLING LINE	SOLENOID VALVE	AQR-67368	NP832UA175 E	263.	50-M66 H-20				VERT	VERT										
MAIN STEAM	VALVES	2MS-V122S AB-1	ITT HAMMEL DAHL	AB32 VLV	435176 <	IEEE 344-	A	B	1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		09190	NAMCO	MTD	M-66H	75			1G	2G										R
STM GEN 1A-SN OUTLET CONN UP MAIE STM ANALY	LIMIT SW ITCH (1 OF 4)	QTR-105	EA-180	231.	50-M66 H-20				VERT	VERT										

TAGS INCLUDED: 2MS-V101SA-1 ----2MS-V122SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
MAIN STEAM MSO008 ISOLATION VALVE FOR MS SAMPLING LINE	VALVES LIMIT SWITCH (2 OF 4)	2MS-V122S AB-1 10859	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 123 M66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MSO008 ISOLATION VALVE FOR MS SAMPLING LINE	VALVES LIMIT SWITCH (3 OF 4)	2MS-V122S AB-1 10860 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 123 M66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MSO008 ISOLATION VALVE FOR MS SAMPLING LINE	VALVES LIMIT SWITCH (4 OF 4)	2MS-V122S AB-1 10861 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 123 M66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MSO008 STM GEN 1B-SN OUTLET CONN UP MAIN STM ANALY	VALVES GLOBE 1	2MS-V124S AB-1 05252 REPORT NO. 3054	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB32 VLV MTD 263.	435176 123 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
MAIN STEAM MSO008 ISOLATION VALVE FOR MS SAMPLING LINE	VALVES SOLENOID VLV (2 OF 2)	2MS-V124S AB-1 09191 AOR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 263.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MSO008 STM GEN 1B-SN OUTLET CONN UP MAIN STM ANALY	VALVES LIMIT SWITCH (1 OF 4)	2MS-V124S AB-1 09192 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2MS-V122SAB-1 ----2MS-V124SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM MS0008 ISOLATION VALVE FOR MS SAMPLING LINE	VALVES LIMIT SWITCH (2 OF 4)	2MS-V124S AB-1 10862 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 123 M66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 ISOLATION VALVE FOR MS SAMPLING LINE	VALVES LIMIT SWITCH (3 OF 4)	2MS-V124S AB-1 10863 QTR-105	ITT HAMMEL DAHL NAMCO EA-180-113 02	AB32 VLV MTD 263.	435176 123 M66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 ISOLATION VALVE FOR MS SAMPLING LINE	VALVES LIMIT SWITCH (4 OF 4)	2MS-V124S AB-1 10864 QTR-105	ITT HAMMEL DAHL NAMCO EA-180-113 02	AB32 VLV MTD 263.	435176 123 M66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 ISOLATION VALVE FOR MS SAMPLING LINE	VALVES SOLENOID VLV (1 OF 2)	2MS-V124S AB-1 10865 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 263.	435176 123 M66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 STM GEN 1C-SN OUTLET TO MAIN STM ANALYZER	VALVES GLOBE 1	2MS-V126S AB-1 05253 REPORT NO. 3054	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB32 VLV MTD 263.	435176 123 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
MAIN STEAM MS0008 ISOLATION VALVE FOR MS SAMPLING LINE	VALVES SOLENOID VLV (1 OF 2)	2MS-V126S AB-1 09193 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 263.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2MS-V124SAB-1 ----2MS-V126SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
MAIN STEAM MSOOO8 ISOLATION VALVE FOR MS SAMPLING LINE	VALVES LIMIT SW ITCH (1 OF 1)	2MS-V126S AB-1 09194 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 < M-66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MSOOO8 ISOLATION VALVE FOR MS SAMNLING LINE	VALVES LIMIT SWITCH (2 OF 4)	2MS-V126S AB-1 10866 QTR-105	ITT HAMMEL NAMCO EA-180	AB32 PIPE MTD 263.	435176 123 M66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MSOOO8 ISOLATION VALVE FOR MS SAMNLING LINE	VALVES LIMIT SWITCH (3 OF 4)	2MS-V126S AB-1 10867 QTR-105	ITT HAMMEL NAMCO EA-180	AB32 MTD 263.	435176 1 M66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MSOOO8 ISOLATION VALVE FOR MS SAMPLING LINE	VALVES LIMIT SWITCH (4 OF 4)	2MS-V126S AB-1 10868	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 123 M66H 50-M66 H-20	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MSOOO8 ISOLATION VALVE FOR MS SAMELING LINE	VALVES SOLENOID VLV	2MS-V126S AB-1 10869 AOR-67368	ITT HAMMEL DAHL ASCO NP832DA175 E	AB32 PIPE MTD 263.	435176 123 M66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
MAIN STEAM MSOOO8 DRAIN POT TO I NSTR LEVEL SWI TCHNO309A	VALVES GLOBE 1	2MS-V129S A-1 05270 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2MS-V126SAB-1 ----2MS-V130SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
MAIN STEAM	VALVES	2MS-V130S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05272	YARWAY	MTD	M-34Y	III			1G	2G										
DRAIN POT TO I	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
NSTR LEVEL SWI	1		5515B-SA	261.	Y-20	WINTR														
TCHN0309B			105			76ADD														
MAIN STEAM	VALVES	2MS-V131S	YARWAY	AB31	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05274	YARWAY	MTD	M-34Y	III			1G	2G										
DRAIN POT TO I	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
NSTR LEVEL SWI	1		5515B-SA	261.	Y-20	WINTR														
TCHN0309C			105			76ADD														
MAIN STEAM	VALVES	2MS-V134S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05280	YARWAY	MTD	M-34Y	III			1G	2.0G										
DRAIN POT TO I	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
NSTR LEVEL SWI	1		5515B-SA	261.	Y-20	WINTR														
TCHN0309A			105			76ADD														
MAIN STEAM	VALVES	2MS-V135S	YARWAY	AB31	435056	ASME	A	D	1.5G	5G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05282	YARWAY	MTD	M-34Y	III			1G	2.0G										
DRAIN POT TO I	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
NSTR LEVEL SWI	1		5515B-SA	261.	Y-20	WINTR														
TCHN0309B			105			76ADD														
MAIN STEAM	VALVES	2MS-V136S	YARWAY	AB31	435056	ASME	A	D	1.5G	5G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05284	YARWAY	MTD	M-34Y	III			1G	2.0G										
DRAIN POT TO I	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
NSTR LEVEL SWI	1		5515B-SA	261.	Y-20	WINTR														
TCHN0309C			105			76ADD														
MAIN STEAM	VALVES	2MS-V155A	YARWAY	CB41	435056	ASME	A	B	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		-1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05313	YARWAY	MTD	M-34Y	III			1.0G	2.0G										R
FT-474 CONNECT	GLOBE				50-M34	74ED			VERT	VERT										
ION ON STM GEN	3/4	952677-01	5515B-SA	286	Y-20	WINTR														
1A-EN OUTLET			105			76ADD														

TAGS INCLUDED: 2MS-V130SB-1 ----2MS-V155SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	VALVES	2MS-V155S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05333	YARWAY	MTD	M-34Y	III			1G	2.0G										
TAP FOR PT 030	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
8A	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V156S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05334	YARWAY	MTD	M-34Y	III			1G	2.0G										
TAP FOR PT 030	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
8A	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V157S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05335	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
TAP FOR PT 030	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
8B	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V158S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05336	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
TAP FOR PT 030	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
8B	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V159S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05337	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
TAP FOR PT 030	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
8C	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V16SA	YARWAY	CB41	435056	ASME	A	C	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		-1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05314	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
FT-474 CONNECT	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
ION ON STM GEN	3/4		5515B-SA	286.	Y-20	WINTR														
1A-MN OUTLET			105			76ADD														

TAGS INCLUDED: 2MS-V155SA-1 ----2MS-V160SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	VALVES	2MS-V160S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0C08		05338	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
TAP FOR PT 030	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
8C	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V161S	ANCHOR	AB	435013	ASME	A	B	1.5G	3.G	X		S	N/A		>33	>33	>33	NA	
		A-1	DARLING V	PIPE	051	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05246	ANCHOR	MTD	M-32A	III			1 G	2G										R
STM GEN 1A-SN	GATE	S0E9074	DARLING V		50-M32	71ED			VER	VER										
OUTLET CONN UP	8		8",900#,G	261.	A-20	SUM				VERT										
STRE OF 5MS-P1						72ADD														
MAIN STEAM	VALVES	2MS-V162S	ANCHOR	AB	435013	ASME	A	B	1.5G	3.G	X		S	N/A		>33	>33	>33	NA	
		B-1	DARLING V	PIPE	051	SECT			HOR	HOR						HZ	HZ	HZ		
MS0C08		05248	ANCHOR	MTD	M-32A	III			1 G	2G										R
STM GEN 1B-SN	GATE	S0E9074	DARLING V		50-M32	71ED			VER	VER										
OUTLET CONN UP	8		8",900#,G	261.	A-20	SUM				VERT										
STRE OF 5MS-P1						72ADD														
MAIN STEAM	VALVES	2MS-V163S	ANCHOR	AB3	435013	ASME	A	B	1.5G	3.G	X		S	N/A		>33	>33	>33	NA	
		A-1	DARLING V		051	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		C5250	ANCHOR		M-32A	III			1 G	2G										R
STM GEN 1C-SN	GATE	S0E9C74	DARLING V		50-M32	71ED			VER	VER										
OUTLET CONN UP	8		8",900#,G	261.	A-20	SUM				VERT										
STRE OF 2MS-P2						72ADD														
MAIN STEAM	VALVES	2MS-V168S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05344	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
LEVEL SWITCH-0	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
309A-S DRAIN -	1		5515B-SA	261.	Y-20	WINTR														
LINN			105			76ADD														
MAIN STEAM	VALVES	2MS-V169S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0C08		05345	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
LEVEL SWITCH-0	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
309A-S DRAIN -	1		5515B-SA	261.	Y-20	WINTR														
LINN			105			76ADD														

TAGS INCLUDED: 2MS-V160SA-1 ----2MS-V170SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITION	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I												
			MODEL NO	ELEV	SORT #															
MAIN STEAM	VALVES	2MS-V170S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05346	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
LEVEL SWITCH-0	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
309B-S DRAIN -	1		5515B-SA	261.	Y-20	WINTR														
LINN			105			76ADD														
MAIN STEAM	VALVES	2MS-V171S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05347	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
LEVEL SWITCH-0	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
309B-S DRAIN -	1		5515B-SA	261.	Y-20	WINTR														
LINN			105			76ADD														
MAIN STEAM	VALVES	2MS-V172S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05348	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
LEVEL SWITCH-0	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
309C-S DRAIN -	1		5515B-SA	261.	Y-20	WINTR														
LINN			105			76ADD														
MAIN STEAM	VALVES	2MS-V173S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05349	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
LEVEL SWITCH-0	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
309C-S DRAIN -	1		5515B-SA	261.	Y-20	WINTR														
LINN			105			76ADD														
MAIN STEAM	VALVES	2MS-V189S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	004A	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05356	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
VENT CONN FOR	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
LS 0309A	1/2		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V19SA	YARWAY	CB41	435056	ASME	A	B	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		-1		PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05315	YARWAY	MTD	M-34Y	III			1.0G	2.0G										R
FT-475 CONNECT	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
ION ON STM GEN	3/4		5515B-SA	285.	Y-20	WINTR														
1A-EN OUTLET			105			76ADD														

TAGS INCLUDED: 2MS-V170SB-1 ----2MS-V190SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
MAIN STEAM	VALVES	2MS-V190S A-1	YARWAY	AB31 PIPE	435056 0004A	ASME SECT	A	D	1.5G HOR	3.0G HOR	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05357	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
VENT CONN FOR	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
LS 0309A	1/2		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V191S B-1	YARWAY	AB31 PIPE	435056 0004A	ASME SECT	A	D	1.5G HOR	3.0G HOR.	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05358	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
VENT CONN FOR	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
LS 0309B	1/2		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V192S B-1	YARWAY	AB31 PIPE	435056 0004A	ASME SECT	A		1.5G HOR	3.0G HOR	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05359	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
VENT CONN FOR	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
LS 0309B	1/2		5515B-SA	261.	Y-20	WINTR														
			105			76ADD														
MAIN STEAM	VALVES	2MS-V193S A-1	YARWAY	AB31 PIPE	435056 0004A	ASME SECT	A	D	1.5G HOR	3.0G HOR	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05360	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
VENT CONN FOR	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
LS 0309C	1/2		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V194S A-1	YARWAY	AB31 PIPE	435056 0004A	ASME SECT	A	D	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05361	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
VENT CONN FOR	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
LS 0309C	1/2		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V2SAB -1	WESTINGH'S E	????	NSSS MSVA	ASME SECT		C			X		D	NA					NA	W TAG NO 321A64R
MS0008		05340	ROCKWELL	PIPE	S0223	III														ACTIVE
FROM PENETRATI	GLOBE																			VALVE
ON M-2 TO	34	191571	FIG.1612GJ	2610.																
ISOMAL 2MS-V2S			MMTY(WCC)																	

TAGS INCLUDED: 2MS-V190SA-1 ----2MS-V2SAB-1
. SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1010
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
MAIN STEAM	VALVES	2MS-V2SAB	WESTINGH'S	AB32	NSSS	IEEE		C			X								NA	W TAG NO
		-1	E	VLV	MSVA															32IA64R
MS0008		09195	ASCO	MTD	S0223															ACTIVE
ISOLATION VAL	SOLENOID																			VALVE
	VALVE		NP8321A6	261.																
M																				
MAIN STEAM	VALVES	2MS-V2SAB	WESTINGH'S	AB32	NSSS	IEEE		B			X								NA	W TAG NO
		-1	E	VLV	MSVA															32IA64R
MS0008		09196	NAMCO	MTD	S0223															ACTIRE
ISOLATION VAL	LIMIT																			VALVE
	SWITCH		EL-120	261.																
E																				
MAIN STEAM	VALVES	2MS-V20SA	YARWAY	CB41	435056	ASME	A	C	1.5G	1.5G	X		S	N/A		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05316	YARWAY	MTD	M-34Y	III			1.0G	1.0G										
FT-475 CONNECT	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
ION ON STM GEN	3/4		5515B-SA	285.	Y-20	WINTR														
1A-MN OUTLET			105			76ADD														
MAIN STEAM	VALVES	2MS-V202S	YARWAY	CB41	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		06791	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
WET LAY-UP INS	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
T CONN	1		5515B-SA	285.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V203S	YARWAY	CB41	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		06792	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
WET LAY-UP INS	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
T CONN	1		5515B-SA	285.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V204S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		06793	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
WET LAY-UP INS	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
T CONN	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														

TAGS INCLUDED: 2MS-V2SAB-1 ----2MS-V205SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	VALVES	2MS-V205S	YARWAY	AB31	435056	ASME	A		1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		06794	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
WET LAY-UP INS	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
T CONN	1		5515B-SA	261.	Y-20	WINTR														
			105			76ADD														
MAIN STEAM	VALVES	2MS-V206S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		06795	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
WET LAY-UP INS	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
T CONN	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V207S	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		06796	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
WET LAY-UP INS	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
T CONN	1		5515B-SA	261.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V211S	YARWAY	CB41	435056	ASME	A		1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		06790	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
WET LAY-UP INS	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
T CONN	1		5515B-SA	236.	Y-20	WINTR														
			105			76ADD														
MAIN STEAM	VALVES	2MS-V212S	YARWAY	CB41	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		06806	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
WET LAY-UP INS	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
T CONN	1		5515B-SA	286.	Y-20	WINTR														
N			105			76ADD														
MAIN STEAM	VALVES	2MS-V213S	YARWAY	CB41	435056	ASME	A	D	1.5G	3.0G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		06807	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
WET LAY-UP INS	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
T CONN	1		5515B-SA	286.	Y-20	WINTR														
N			105			76ADD														

TAGS INCLUDED: 2MS-V205SB-1 ----2MS-V23SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE. SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
MAIN STEAM MS0008 FT-484 CONNECTION ON STM GEN 1B-EN OUTLET	VALVES GLOBE 3/4	2MS-V23SB -1 05317 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1.0G VERT	1.5G HOR 1.0G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
MAIN STEAM MS0008 FT-484 CONNECTION ON STM GEN 1B-MN OUTLET	VALVES GLOBE 3/4	2MS-V24SB -1 05318 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1.0G VERT	1.5G HOR 1.0G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 FT-485 CONNECTION ON STM GEN 1B-EN OUTLET	VALVES GLOBE 3/4	2MS-V27SB -1 05319 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1.0G VERT	1.5G HOR 1.0G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
MAIN STEAM MS0008 FT-485 CONNECTION ON STM GEN 1B-MN OUTLET	VALVES GLOBE 3/4	2MS-V28SB -1 05320 952677-01	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1.0G VERT	1.5G HOR 1.0G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 FROM PEN M-1 TO ISOVAL 2MS-13SE1 SPEC PIP	VALVES GLOBE 34	2MS-V3SAB -1 05341 191571	WESTINGH'SE ROCKWELL FIG.1612GJ (MMTY(WCC)	???? PIPE 2610.	NSSS MSV4 S0223	ASME SECT III		B			X		D	NA					NA	W TAG NO 32IA64R ACTIRE VALVE
MAIN STEAM MS0008 ISOLATION VAL M	VALVES SOLENOID VALVE	2MS-V3S4B -1 09197	WESTINGH'SE ASCO NP8321A6	AB32 VLV MTD 261.	NSSS MSV4 S0223	IEEE 344		C			X								NA	W TAG NO 32IA64R ACTI E VALVE

TAGS INCLUDED: 2MS-V23SB-1 ----2MS-V3SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
MAIN STEAM	VALVES	2MS-V3SAB -1	WESTINGH'S &	AB39 VLV	NSSS MSVA	IEEE 344		C			X								NA	W TAG NO 32IA64R ACTI E VALVE
MS0008		09198	NAMCO	MTD	SD223															
ISOLATION VAL	LIMIT SWITCH		EL-120	261.																
MAIN STEAM	VALVES	2MS-V32SA -1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	B	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05289	YARWAY	MTD	M-34Y	III			1.0G	2.0G										R
PT-474 CONN ON	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
STM GEN 1A-SN	1		5515B-SA	261.	Y-20	WINTR														
OUTEET			105			76ADD														
MAIN STEAM	VALVES	2MS-V33SA -1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	C	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05290	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
PT-474 CONN ON	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
STM GEN 1A-SN	1		5515B-SA	261.	Y-20	WINTR														
OUTMET			105			76ADD														
MAIN STEAM	VALVES	2MS-V34SB -1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	B	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05291	YARWAY	MTD	M-34Y	III			1.0G	2.0G										R
PT-484 CONNECT	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ION ON STM GEN	1		5515B-SA	261.	Y-20	WINTR														
1B-EN OUTLET			150			76ADD														
MAIN STEAM	VALVES	2MS-V35SB -1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	C	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05292	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
PT-484 CONNECT	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ION ON STM GEN	1		5515B-SA	261.	Y-20	WINTR														
1B-MN OUTLET			105			76ADD														
MAIN STEAM	VALVES	2MS-V36SA -1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	C	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05293	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
PT-494 CONNECT	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ION ON STM GEN	1		5515B-SA	261.	Y-20	WINTR														
1C-MN OUTLET			105			76ADD														

TAGS INCLUDED: 2MS-V3SAB-1 ----2MS-V37SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	ELDS	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	VALVES	2MS-V37SA -1	YARWAY	AB31 PIPE	435056 002	ASME	A	C	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05294	YARWAY	MTD	M-34Y	SECT III			1.0G VERT	2.0G VERT										
PT-494 CONNECT	GLOBE	952677-02			50-M34	74ED														
ION ON STM GEN 1C-MN OUTLET	1		5515B-SA 105	261.	Y-20	WINTR 76ADD														
MAIN STEAM	VALVES	2MS-V38SA -1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	D	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05295	YARWAY	MTD	M-34Y	III			1.0G VERT	2.0G VERT										
PT-475 CONN ON STM GEN 1A-SN OUTNET	GLOBE 1	952677-02	5515B-SA 105	261.	50-M34 Y-20	74ED WINTR 76ADD														
MAIN STEAM	VALVES	2MS-V39SA -1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	D	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05296	YARWAY	MTD	M-34Y	III			1.0G VERT	2.0G VERT										
PT-475 CONN ON STM GEN 1A-SN OUTNET	GLOBE 1	952677-02	5515B-SA 105	261.	50-M34 Y-20	74ED WINTR 76ADD														
MAIN STEAM	VALVES	2MS-V40SB -1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	D	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05297	YARWAY	MTD	M-34Y	III			1.0G VERT	2.0G VERT										
PT-485 CONNECT ION ON STM GEN 1B-NN OUTLET	GLOBE 1	952677-02	5515B-SA 105	261.	50-M34 Y-20	74ED WINTR 76ADD														
MAIN STEAM	VALVES	2MS-V41SB -1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	D	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05298	YARWAY	MTD	M-34Y	III			1.0G VERT	2.0G VERT										
PT-485 CONNECT ION ON STM GEN 1B-NN OUTLET	GLOBE 1	952677-02	5515B-SA 105	261.	50-M34 Y-20	74ED WINTR 76ADD														
MAIN STEAM	VALVES	2MS-V42SA -1	YARWAY	AB31 PIPE	435056 002	ASME SECT	A	D	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05299	YARWAY	MTD	M-34Y	III			1.0G VERT	2.0G VERT										
PT-495 CONNECT ION ON STM GEN 1C-NN OUTLET	GLOBE 1	952677-02	5515B-SA 105	261.	50-M34 Y-20	74ED WINTR 76ADD														

TAGS INCLUDED: 2MS-V37SA-1 ----2MS-V43SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #															
MAIN STEAM	VALVES	2MS-V43SA	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05360	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
PT-495 CONNECT	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ION ON STM GEN	1		5515B-SA	261.	Y-20	WINTR														
1C-NN OUTLET			105			76ADD														
MAIN STEAM	VALVES	2MS-V44SA	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05361	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
PT-476 CONN ON	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
STM GEN 1A-SN	1		5515B-SA	261	Y-20	WINTR														
OUTNET			105			76ADD														
MAIN STEAM	VALVES	2MS-V45SA	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05362	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
PT-476 CONN ON	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
STM GEN 1A-SN	1		5515B-SA	261.	Y-20	WINTR														
OUTNET			105			76ADD														
MAIN STEAM	VALVES	2MS-V46SB	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05303	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
PT-486 CONNECT	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ION ON STM GEN	1		5515B-SA	261.	Y-20	WINTR														
1B-NN OUTLET			105			76ADD														
MAIN STEAM	VALVES	2MS-V47SB	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05304	YARWAY	MTD	M-34Y	III			1.0G	2 G										
PT-486 CONNECT	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ION ON STM GEN	1		5515B-SA	261.	Y-20	WINTR														
1B-NN OUTLET			105			76ADD														
MAIN STEAM	VALVES	2MS-V48SA	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05305	YARWAY	MTD	M-34Y	III			1.0G	2 G										
PT-496 CONNECT	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ION ON STM GEN	1		5515B-SA	261.	Y-20	WINTR														
1C-NN OUTLET			105			76ADD														

TAGS INCLUDED: 2MS-V43SA-1 ----2MS-V49SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
MAIN STEAM	VALVES	2MS-V49SA-1	YARWAY	AB31 PIPE	435056 003	ASME SECT	A	D	1.5G HOR	3.0G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MSOOO8		05306	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
PT-496 CONNECT	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ION ON STM GEN	1		5515B-SA	261.	Y-20	WINTR														
1C-NN OUTLET			105			76ADD														
MAIN STEAM	VALVES	2MS-V55SB-1	YARWAY	AB31 PIPE	435056 003	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MSOOO8		05259	YARWAY	MTD	M-34Y	III			1G	2 G										R
DRAIN FOR DRAI	GLOBE	952677-04			50-M34	74ED			VERT	VERT										
N POT ON DRAIN	2		5515B-SA	261.	Y-20	WINTR														
STATION			105			76ADD														
MAIN STEAM	VALVES	2MS-V56SA-1	YARWAY	AB31 PIPE	435056 003	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MSOOO8		05261	YARWAY	MTD	M-34Y	III			1G	2 G										R
DRAIN FOR DRAI	GLOBE	952677-04			50-M34	74ED			VERT	VERT										
N POT ON DRAIN	2		5515B-SA	261.	Y-20	WINTR														
STAEION			105			76ADD														
MAIN STEAM	VALVES	2MS-V59SA-B-1	ITT HAMMEL DAHL	AB32 VLV	435176 122	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER CODE IV
MSOOO8		05265	ITT HAMMEL	MTD	M-66H	III			1G	2G										R
DRAIN POT TO M	GLOBE	REPORT	DAHL		50-M66	77ED			VERT	VERT										
AIN STM DRAIN	2	NO. 3096	NP8320A175	263.	H-20	WINTR														
HEAEER ON DRAI			E			77ADD														
MAIN STEAM	VALVES	2MS-V59SA-B-1	ITT HAMMEL DAHL	AB32 VLV	435176 <	IEEE 344-	A	B	1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MSOOO8		09199	ASCO	MTD	M-66H	75			1G	2G										R
MS DRAIN LINE	SOLENOID	AQR-67368			50-M66				VERT	VERT										
ISOLATION	VLV		NP8320A175	273.	H-20															
E			E																	
MAIN STEAM	VALVES	2MS-V59SA-B-1	ITT HAMMEL DAHL	AB32 VLV	435176 <	IEEE 344-	A	B	1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MSOOO8		09200	NAMCO	MTD	M-66H	75			1G	2G										R
MS DRAIN LINE	LIMIT	QTR-105			50-M66				VERT	VERT										
ISOLATION	SWITCH		EA-180	273.	H-20															
E	(1 OF 4)																			

TAGS INCLUDED: 2MS-V49SA-1 ----2MS-V59SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	VALVES	2MS-V59SA		AB32	435176	IEEE	A	B	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		10846	NAMCO	MTD	M66H	75			1G	2G										R
MS DRAIN LINE	LIMIT				50-M66				VERT	VERT										
ISOLATION	SWITCH	QTR-105	EA-180	263.	H-20															
E	(2 OF 4)																			
MAIN STEAM	VALVES	2MS-V59SA	ITT HAMMEL	AB32	435176	IEEE	A	B	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	122	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		10847	NAMCO	MTD	M66H	75			1G	2G										R
MS DRAIN LINE	LIMIT				50-M66				VERT	VERT										
ISOLATION	SWITCH	QTR-105	EA-180-113	263.	H-20															
E	(3 OF 4)		C2																	
MAIN STEAM	VALVES	2MS-V59SA	ITT HAMMEL	AB32	435176	IEEE	A	B	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAH	VLV	122	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		10848	NAMCO	MTD	M66H	75			1G	2G										R
MS DRAIN LINE	LIMIT				50-M66				VERT	VERT										
ISOLATION	SWITCH	QTR-105	EA-180	263.	H-20															
E	(4 OF 4)																			
MAIN STEAM	VALVES	2MS-V59SA	ITT HAMMEL	AB32	435176	IEEE	A	B	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	122	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		10849	ASCO	MTD	M66H	75			1G	2G										R
MS DRAIN LINE	SOLENOID				50-M66				VERT	VERT										
ISOLATION	VLV	AQR-67368	NP8320A175	263.	H-20															
E			E																	
MAIN STEAM	VALVES	2MS-V60SA	ITT HAMMEL	AB32	435176	IEEE	A	B	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		05266	NAMCO	MTD	M-66H	75			1G	2G										R
DRAIN POT TO	LIMIT	QTR-105			50-M66				VERT	VERT										
ISOLATION	SWITCH		EA-180	263.	H-20															
HEAEER ON																				
MAIN STEAM	VALVES	2MS-V60SA	ITT HAMMEL	AB32	435176	IEEE	A	B	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	N/A	
		B-1	DAHL	VLV	122	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		10850	NAMCO	MTD	M-66H	75			1 G	2 G										R
DRAIN POT TO	LIMIT	QTR-105			50-M66				VERT	VERT										
ISOLATION	SWITCH		EA-180	263.	H-20															
HEAEER ON	(2 OF 4)																			

TAGS INCLUDED: 2MS-V59SAB-1 ----2MS-V60SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
MAIN STEAM MSOOC8 DRAIN POT TO MAIN STM DRAIN HEAEER ON DRAI	VALVES LIMIT SWITCH (3 OF 4)	2MS-V60SA B-1 10851 QTR-105	ITT HAMMEL DAHL NAMCO EA-180-02	AB32 VLV MTD 263.	435176 122 M-664 50-466 H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	R
MAIN STEAM MSOOO8 DRAIN POT TO MAIN STM DRAIN HEAEER ON	VALVES LIMIT SWITCH (4 OF 4)	2MS-V60SA B-1 10852 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB32 VLV MTD 263.	435176 122 M664 50-466 H-20	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
MAIN STEAM MSOOC8 MS DRAIN LINE ISOLATION E	VALVES SOLENOID VLV	2MS-V60SA B-1 10853 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 263.	435176 122 M664 50-466 H-20	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
MAIN STEAM MSOOC8 DRAIN POT TO MAIN STM DRAIN HEAEER ON DRAI	VALVES GLOBE 2	2MS-V60SA B-1 11400 REPORT NO. 3096	ITT HAMMEL DAHL ITT HAMMEL DAHL V512Z2C62H AZ9	AB32 PIPE MTD 263.	435176 122 M-664 50-466 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER CODE IV R
MAIN STEAM MSOOO8 MS DRAIN LINE ISOLATION E	VALVES SOLENOID VLV	2MS-V60SA B-1 11401 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB32 VLV MTD 263.	435176 < M-664 50-466 H-20	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
MAIN STEAM MSOOC8 DRAIN POT TO MAIN STM DRAIN HEAMER ON DRAI	VALVES GLOBE 2	2MS-V61SA B-1 05267 REPORT NO.3C96	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB32 VLV MTD 263.	435176 122 M-664 50-466 H-20	ASME SECT III 77ED WINTR 77ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER CODE IV

TAGS INCLUDED: 2MS-V60SAB-1 ----2MS-V61SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	VALVES	2MS-V61SA	ITT HAMMEL	AB32	435176	IEEE	A	C	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		09203	ASCO	MTD	M-66H	75			1G	2G										
MAIN STEAM	SOLENOID	AQR-67368			50-M66				VERT	VERT										
DRAIN LINE	VLV		NP8320A175	273.	H-20															
ISOMATION			E																	
MAIN STEAM	VALVES	2MS-V61SA	ITT HAMMEL	AB32	435176	IEEE	A	C	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	<	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		09204	NAMCO	MTD	M-66H	75			1G	2G										
MAIN STEAM	LIMIT	QTR-105			50-M66				VERT	VERT										
DRAIN LINE	SWITCH		EA-180	273.	H-20															
ISOMATION	(1 OF 4)																			
MAIN STEAM	VALVES	2MS-V61SA	ITT HAMMEL	AB32	435176	IEEE	A	C	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	122	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		10854	ASCO	MTD	M66H	75			1G	2G										
MAIN STEAM	SOL. VLV				50-M66				VERT	VERT										
DRAIN LINE	(2 OF 2)	AQR-67368	NP8320A175	263.	H-20															
ISOMATION			E																	
MAIN STEAM	VALVES	2MS-V61SA	ITT HAMMEL	AB32	435176	IEEE	A	C	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	122	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		10855	NAMCO	MTD	M66H	75			1G	2G										
MAIN STEAM	LIMIT				50-M66				VERT	VERT										
DRAIN LINE	SWITCH	QTR-105	EA-180	263.	H-20															
ISOMATION	(2 OF 4)																			
MAIN STEAM	VALVES	2MS-V61SA	ITT HAMMEL	AB32	435176	IEEE	A	C	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	122	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		10856	NAMCO	MTD	M66H	75			1G	2G										
MAIN STEAM	LIMIT				50-M66				VERT	VERT										
DRAIN LINE	SWITCH	QTR-105	EA-180	263.	H-20															
ISOMATION	(3 OF 4)																			
MAIN STEAM	VALVES	2MS-V61SA	ITT HAMMEL	AB32	435176	IEEE	A	C	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	122	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		10857	NAMCO	MTD	M66H	75			1G	2G										
MAIN STEAM	LIMIT				50-M66				VERT	VERT										
DRAIN LINE	SWITCH	QTR-105	EA-180	263.	H-20															
ISOMATION	(4 OF 4)																			

TAGS INCLUDED: 2MS-V61SAB-1 ----2MS-V62SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1020
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	DUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
MAIN STEAM	VALVES	2MS-V62SA	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05269	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
DRAIN POT TO I	GLOBE	952677-02			50-434	74ED			VERT	VERT										
NSTR LEVEL SWI	1		5515B-SA	261.	Y-20	WINTR														
TCHN0309A			105			76ADD														
MAIN STEAM	VALVES	2MS-V63SB	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05271	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
DRAIN POT TO I	GLOBE	952677-02			50-434	74ED			VERT	VERT										
NSTR LEVEL SWI	1		5515B-SA	261.	Y-20	WINTR														
TCHN0309B			105			76ADD														
MAIN STEAM	VALVES	2MS-V64SA	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05273	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
DRAIN POT TO I	GLOBE	952677-02			50-434	74ED			VERT	VERT										
NSTR LEVEL SWI	1		5515B-SA	261.	Y-20	WINTR														
TCHN0309C			105			76ADD														
MAIN STEAM	VALVES	2MS-V70SA	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05279	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
DRAIN POT TO I	GLOBE	952677-02			50-434	74ED			VERT	VERT										
NSTR LEVEL SWI	1		5515B-SA	261.	Y-20	WINTR														
TCHN0309A			105			76ADD														
MAIN STEAM	VALVES	2MS-V71SB	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05281	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
DRAIN POT TO I	GLOBE	952677-02			50-434	74ED			VERT	VERT										
NSTR LEVEL SWI	1		5515B-SA	261.	Y-20	WINTR														
TCHN0309B			105			76ADD														
MAIN STEAM	VALVES	2MS-V72SA	YARWAY	AB31	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05283	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
DRAIN POT TO I	GLOBE	952677-02			50-434	74ED			VERT	VERT										
NSTR LEVEL SWI	1		5515B-SA	261.	Y-20	WINTR														
TCHN0309C			105			76ADD														

TAGS INCLUDED: 2MS-V62SA-1 ----2MS-V74SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
MAIN STEAM	VALVES	2MS-V74SA	YARWAY	CB41	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		-1		PIPE	003	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05307	YARWAY	MTD	M-34Y	III			1G	2G										R
VENT ON STM GE	GLOBE	952677-04			50-M34	74ED			VERT	VER										
N 1A-SN OUTLET	2		5515B-SA	286.	Y-20	WINTR														
E			105			76ADD														
MAIN STEAM	VALVES	2MS-V75SB	YARWAY	CB41	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		-1		PIPE	003	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05309	YARWAY	MTD	M-34Y	III			1G	2G										R
VENT CONN ON S	GLOBE	952677-04			50-M34	74ED			VERT	VER										
TM GEN 1B-SN O	2		5515B-SA	286.	Y-20	WINTR														
UTLET			105			76ADD														
MAIN STEAM	VALVES	2MS-V76SA	YARWAY	CB41	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		-1		PIPE	003	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05311	YARWAY	MTD	M-34Y	III			1G	2G										R
VENT CONN ON S	GLOBE	952677-20			50-M34	74ED			VERT	VER										
TM GEN 1C-SN O	2		5515B-SA	286.	Y-20	WINTR														
UTLET			105			76ADD														
MAIN STEAM	VALVES	2MS-V77SA	YARWAY	CB41	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		-1		PIPE	003	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05308	YARWAY	MTD	M-34Y	III			1G	2G										R
VENT ON STM GE	GLOBE	952677-04			50-M34	74ED			VERT	VER										
N 1A-SN OUTLET	2		5515B-SA	286.	Y-20	WINTR														
E			105			76ADD														
MAIN STEAM	VALVES	2MS-V78SB	YARWAY	CB41	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		-1		PIPE	003	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05310	YARWAY	MTD	M-34Y	III			1G	2G										R
VENT CONN ON S	GLOBE	952677-04			50-M34	74ED			VERT	VER										
TM GEN 1B-SN O	2		5515B-SA	286.	Y-20	WINTR														
UTLET			105			76ADD														
MAIN STEAM	VALVES	2MS-V79SA	YARWAY	CB41	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		-1		PIPE	003	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05312	YARWAY	MTD	M-34Y	III			1G	2G										R
VENT CONN ON S	GLOBE	952677-04			50-M34	74ED			VERT	VER										
TM GEN 1C-SN O	2		5515B-SA	286.	Y-20	WINTR														
UTLET			105			76ADD														

TAGS INCLUDED: 2MS-V74SA-1 ----2MS-V8SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST PEP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O	I												
MAIN STEAM	VALVES	2MS-V8SA-1	ANCHOR DARLING V	AB32 VLV	435013 <	ASME SECT	A		1.5G HOR	3 G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MSOCO8		09593	LIMITORQUE	MTD	M-32A	III			1 G	2 G										
STM GEN 1B-SN	MOTOR	B0058/37	CORP		50-M32	71ED			VERT	VERT										
OUTLET CONNECT	OPERATOR		SMB-00	263.	A-20	SUM														
ION TO AUX FDW						72ADD														
MAIN STEAM	VALVES	2MS-V8SB-1	ANCHOR DARLING V	AB32 PIPE	435013 303	ASME SECT	A	D	1.5G HOR	3 G HOR	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MSOCO8		05226	ANCHOR	MTD	M-32A	III			1 G	2 G										
NORM. CLOSED/	GATE	SOE5796	DARLING V		50-M32	71ED			VERT	VERT										
	6		6",900",M	263.	A-20	SUM														
N						72ADD														
MAIN STEAM	VALVES	2MS-V84SA-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MSOOO8		05321	YARWAY	MTD	M-34Y	III			1G	2G										R
FT-494 CONNECT	GLOBE	952677-01			50-M34	74ED			VERT	VER										
ION ON STM GEN	3/4		5515B-SA	286.	Y-20	WINTR														
1C-EN OUTLET			105			76ADD														
MAIN STEAM	VALVES	2MS-V85SA-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	C	1.5G HOR	3 G HOR	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MSOCO8		05322	YARWAY	MTD	M-34Y	III			1G	2G										
FT-494 CONNECT	GLOBE	952677-01			50-M34	74ED			VERT	VER										
ION ON STM GEN	3/4		5515B-SA	286.	Y-20	WINTR														
1C-MN OUTLET			105			76ADD														
MAIN STEAM	VALVES	2MS-V88SA-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MSOOO8		05323	YARWAY	MTD	M-34Y	III			1G	2G										R
FT-495 CONNECT	GLOBE	952677-01			50-M34	74ED			VERT	VER										
ION ON STM GEN	3/4		5515B-SA	286.	Y-20	WINTR														
1C-EN OUTLET			105			76ADD														
MAIN STEAM	VALVES	2MS-V89SA-1	YARWAY	CB41 PIPE	435056 001	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MSOOO8		05324	YARWAY	MTD	M-34Y	III			1G	2G										R
FT-495 CONNECT	GLOBE	952677-01			50-M34	74ED			VERT	VER										
ION ON STM GEN	3/4		5515B-SA	286.	Y-20	WINTR														
1C-EN OUTLET			105			76ADD														

TAGS INCLUDED: 2MS-V8SA-1 ----2MS-V9SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM MS0008 NORM. CLOSED/ DC POWER:MOTOR	VALVES GATE 6	2MS-V9SA-1 05227 S0E5796	ANCHOR DARLING V ANCHOR DARLING V 6",900#,M	AB32 PIPE MTD 263.	435013 003 M-32A 50-M32 A-20	ASME SECT III 71ED SUM 72ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 STM GEN 1C-SN OUTLET CONNECT IONNTO AUX FDW	VALVES MOTOR OPERATOR	2MS-V9SB-1 09592 B0058/37	ANCHOR DARLING V LIMITORQUE CORP SMB-00	AB32 VLV MTD 263.	435013 < M-32A 50-M32 A-20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3.0G HOR 2G VER	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 DRAIN FOR DRAI N POT ON DRAIN STATION	VALVES GLOBE 2	2MS-V93SA-1 05257 952677-04	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 003 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008	VALVES	3 THROTTL E V 08440		TB41 314.	<															ELEC W/DG
MAIN STEAM MS0008 STM GEN 1B-SN OUTLET TO AUX FDWATER PMP TU	VALVES CHECK 6	3MS-V100S B-1 05228 FA-5476	PACIFIC VLV. PACIFIC VLV. 58809-7-WE (40)-X	AB3 PIPE MTD 261.	435022 077 M-33P 50-M33 P-20	ASME SECT III 74 ED SUMM 76ADD	A		1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PACIFIC VALVE PROGRAM PVSAP
MAIN STEAM MS0008 DRAIN FOR DRAI N POT ON DRAIN STANION	VALVES GLOBE 2	3MS-V104S AB-1 05288 952677-04	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 003 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2MS-V9SA-1 ----3MS-V105SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
MAIN STEAM MS0008 NORM. CLOSED/ DC POWER:MOTOR	VALVES GATE 6	2MS-V9SA-1 05227 S0E5796	ANCHOR DARLING V ANCHOR DARLING V 6",900#,M	AB32 PIPE MTD 263.	435013 003 M-32A 50-M32 A-20	ASME SECT III 71ED SUM 72ADD	A	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 STM GEN 1C-SN OUTLET CONNECT IONNTO AUX FDW	VALVES MOTOR OPERATOR	2MS-V9SB-1 09592 B0058/37	ANCHOR DARLING V LIMITORQUE CORP SMB-00	AB32 VLV MTD 263.	435013 < M-32A 50-M32 A-20	IEEE 344-75	A D	1.5G HOR 1 G VERT	3.0G HOR 2G VER	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008 DRAIN FOR DRAIN POT ON DRAIN STATION	VALVES GLOBE 2	2MS-V93SA-1 05257 952677-04	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 003 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MS0008	VALVES	3 THROTTLE V 08440		TB41 314.	<														ELEC W/DG
MAIN STEAM MS0008 STM GEN 1B-SN OUTLET TO AUX FDWATER PMP TU	VALVES CHECK 6	3MS-V100S B-1 05228 FA-5476	PACIFIC VLV. PACIFIC VLV. 58809-7-WE (40)-X	AB3 PIPE MTD 261.	435022 077 M-33P 50-M33 P-20	ASME SECT III 74 ED SUMM 76ADD	A	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PACIFIC VALVE PROGRAM PVSAP
MAIN STEAM MS0008 DRAIN FOR DRAIN POT ON DRAIN STANION	VALVES GLOBE 2	3MS-V104S AB-1 05288 952677-04	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 003 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2MS-V9SA-1 ----3MS-V105SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
MAIN STEAM	VALVES	3MS-V105S	YARWAY	AB31	435056	ASME	A B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		AB-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
MSC008		05264	YARWAY	MTD	M-34Y	III		1G	2G										R
DRAIN FOR DRAI	GLOBE	952677-04			50-M34	74ED		VERT	VER										
N POT ON DRAIN	2		5515B-SA	261.	Y-20	WINTR													
STAEION			105			76ADD													
MAIN STEAM	VALVES	3MS-V120S	YARWAY	AB21	435056	ASME	A B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		AB-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
MSC008		05330	YARWAY	MTD	M-34Y	III		1G	2G										R
DRAIN POT TO I	GLOBE	952677-02			50-M34	74ED		VERT	VER										
NSTR LEVEL SWI	1		5515B-SA	236.	Y-20	WINTR													
TCHE0435			105			76ADD													
MAIN STEAM	VALVES	3MS-V121S	YARWAY	AB21	435056	ASME	A B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		AB-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
MSC008		05277	YARWAY	MTD	M-34Y	III		1G	2G										R
DRAIN POT TO I	GLOBE	952677-02			50-M34	74ED		VERT	VER										
NSTR LEVEL SWI	1		5515B-SA	236.	Y-20	WINTR													
TCHE0435			105			76ADD													
MAIN STEAM	VALVES	3MS-V128S	YARWAY	AB21	435056	ASME	A B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		AB-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
MSC008		05331	YARWAY	MTD	M-34Y	III		1G	2G										R
DRAIN POT TO I	GLOBE	952677-02			50-M34	74ED		VERT	VER										
NSTR LEVEL SWI	1		5515B-SA	236.	Y-20	WINTR													
TCHE0435			105			76ADD													
MAIN STEAM	VALVES	3MS-V132S	YARWAY	AB21	435056	ASME	A B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		AB-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
MSC008		05276	YARWAY	MTD	M-34Y	III		1G	2G										R
DRAIN POT TO I	GLOBE	952677-02			50-M34	74ED		VERT	VER										
NSTR LEVEL SWI	1		5515B-SA	236.	Y-20	WINTR													
TCHE0430			105			76ADD													
MAIN STEAM	VALVES	3MS-V133S	YARWAY	AB21	435056	ASME	A B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		AB-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
MSC008		05278	YARWAY	MTD	M-34Y	III		1G	2G										R
DRAIN POT TO I	GLOBE	952677-02			50-M34	74ED		VERT	VER										
NSTR LEVEL SWI	1		5515B-SA	236.	Y-20	WINTR													
TCHE0435			105			76ADD													

TAGS INCLUDED: 3MS-V105SAB-1 ----3MS-V137SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
MAIN STEAM MSOOO8 DRAIN POT TO INSTR LEVEL SWITCHE0430	VALVES GLOBE 1	3MS-V137S AB-1 05286 952677-02	YARWAY YARWAY 55158-SA 105	AB21 PIPE MTD 235.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
MAIN STEAM MSOOO8 STM SUPPLY TO AUX FEEDWATER PMPETURB 1X-NN	VALVES GATE 6	3MS-V14SA B-1 05332 FA-5482	PACIFIC VLV. PACIFIC VLV. 55509-7-WE (40)-9GX	AB3 PIPE MTD 261.	435022 078 M-33P 50-M33 P-20	ASME SECT III 74 ED SUMM 76ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USING PARIFIC VALVE PROGRAM PVSAP
MAIN STEAM MSOOO8 INSTR LINE TO PI 043C E	VALVES GLOBE 1	3MS-V167S AB-1 05343 952677-02	YARWAY YARWAY 55158-SA 105	AB21 PIPE MTD 235.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
MAIN STEAM MSOOO8 DRAIN POT TO MAIN STEAM DRAIN SNATION	VALVES GLOBE 2	3MS-V17SA B-1 05329 REPORT NO.3096	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB21 VLV MTD 233.	435176 121 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER CODE IV
MAIN STEAM MSOOO8 SUPPLIED WITH 2 SOLENOID VALVE	VALVES SOLENOID VALVE	3MS-V17SA B-1 09283 AOR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB21 VLV MTD 233.	435176 121 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MAIN STEAM MSOOO8 SUPPLIED WITH 2 SOLENOID VALVE	VALVES LIMIT SWITCH	3MS-V17SA B-1 09284 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB21 VLV. MTD 238.	435176 121 M-66H 50-M66 H-20	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3MS-V137SAB-1 ----3MS-V17SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	VALVES	3MS-V17SA B-1		AB21		IEEE	A	D	3 G	3 G	X	NA	NA	SF	SD	>33	>33	>33	NA	2SWITCHES
MS0008		11840	ASCO			344-7			HOR	HOR						HZ	HZ	HZ		
LATER						5,323			3 G	3 G										
	SOLENOID	EA-180				-74,3			VERT	VERT										
	VALVE(2	QTR-105	NP8320A175	23R.		82-72														
N	OF 2)		E																	
MAIN STEAM	VALVES	3MS-V17SA B-1		AB21				D												
MS0008		11842	NAMCO																	
LATER	LIMIT SW																			
	ITCH (2		EA-180-113	23R.																
N	OF 4)		02																	
MAIN STEAM	VALVES	3MS-V17SA B-1		AB21				D												
MS0008		11843	NAMCO																	
LATER	LIMIT SW																			
	ITCH (3		EA-180-113	23R.																
N	OF 4)		02																	
MAIN STEAM	VALVES	3MS-V17SA B-1		AB21				D												
MS0008		11844	NAMCO																	
LATER	LIMIT SW																			
	ITCH (4		EA-180-113	23R.																
N	OF 4)		02																	
MAIN STEAM	VALVES	3MS-V174S AB-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05350	YARWAY	MTD	M-34Y	III			1G	2G										R
LEVEL SWITCH-0	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
430-S DRAIN -	1		5515B-SA	23S.	Y-20	WINTR														
LINE			105			76ADD														
MAIN STEAM	VALVES	3MS-V175S AB-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05351	YARWAY	MTD	M-34Y	III			1G	2G										R
LEVEL SWITCH-0	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
430-S DRAIN -	1		5515B-SA	23S.	Y-20	WINTR														
LINE			105			76ADD														

TAGS INCLUDED: 3MS-V17SAB-1 ----3MS-V176SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
MAIN STEAM	VALVES	3MS-V176S	YARWAY	AB21	435156	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		AB-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05352	YARWAY	MD	M-34Y	III			1G	2G										R
LEVEL SWITCH-O	GLOBE	952677-02			50-434	74ED			VERT	VERT										
435-S DRAIN -	1		5515B-SA .	236.	Y-20	WINTR														
LINE			105			76ADD														
MAIN STEAM	VALVES	3MS-V177S	YARWAY	AB21	435156	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		AB-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05353	YARWAY	MTD	M-34Y	III			1G	2G										R
LEVEL SWITCH-O	GLOBE	952677-02			50-434	74ED			VERT	VERT										
435-S DRAIN -	1		5515B-SA	236.	Y-20	WINTR														
LINE			105			76ADD														
MAIN STEAM	VALVES	3MS-V18SA	ITT HAMMEL	AB21	435176	ASME	A	C	1.5G	3G	X		S	SF	SD	>33	>33	>33	NA	COMPUTER
		B-1	DAHL	VLV	121	SECT			HOR	HOR						HZ	HZ	HZ		CODE IV
MS0008		05268	ITT HAMMEL	MTD	M-66H	III			1G	2G										
DRAIN POT TO M	GLOBE	REPORT	DAHL		50-466	77ED			VERT	VERT										
S DR HDR ON DR	2	NO.3096	NP8320A175	238.	H-20	WINTR														
STAMION			E			77ADD														
MAIN STEAM	VALVES	3MS-V18SA	ITT HAMMEL	AB21	435176	IEEE	A	C	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	121	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		09285	NAMCO	MTD	M-66H	75			1G	2G										
SUPPLIED WITH	SOLENOID	AQR-67368			50-466				VERT	VERT										
2 SOLENOID VAL	VALVE		NP8320A175	233.	H-20															
M			E																	
MAIN STEAM	VALVES	3MS-V18SA	ITT HAMMEL	AB21	435176	IEEE	A	C	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV.	121	344-			HOR	HOR						HZ	HZ	HZ		
MS0008		09286	NAMCO	MTD	M-66H	75			1G	2G										
SUPPLIED WITH	LIMIT	QTR-1C5			50-466				VERT	VERT										
2 SOLENOID VAL	SWITCH		EA18C	238.	H-20															
M	H																			
MAIN STEAM	VALVES	3MS-V18SA		AB21				C												
		B-1																		
MS0008		11841	ASCO																	
LATER	SOLENOID																			
	VALVE(2		NP8320A175	238.																
M	OF 2)		E																	

TAGS INCLUDED: 3MS-V176SAB-1 ----3MS-V18SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	VALVES	3MS-V18SA B-1		AB21				C												
MS0008		11845	NAMCO																	
LATER	LIMIT SW ITCH (2		EA-180-113	239.																
M	OF 4)		02																	
MAIN STEAM	VALVES	3MS-V18SA B-1		AB21				C												
MS0008		11846	NAMCO																	
LATER	LIMIT SW ITCH (3		EA-180-113	239.																
M	OF 4)		02																	
MAIN STEAM	VALVES	3MS-V18SA B-1		AB21				C												
MS0008		11847	NAMCO																	
LATER	LIMIT SW ITCH (4		EA-180-113	239.																
M	OF 4)		02																	
MAIN STEAM	VALVES	3MS-V187S AB-1	YARWAY	AB21 PIPE	435056 004	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05354	YARWAY	MTD	M-34Y	III			1G	2G										R
VENT CONN FOR	GLOBE	952677-01			50-434	74ED			VERT	VERT										
LS 0435	1/2		5515B-SA	236.	Y-20	WINTR														
E			105			76ADD														
MAIN STEAM	VALVES	3MS-V188S AB-1	YARWAY	AB21 PIPE	435056 004	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05355	YARWAY	MTD	M-34Y	III			1G	2G										R
VENT CONN FOR	GLOBE	952677-01			50-434	74ED			VERT	VERT										
LS 0435	1/2		5515B-SA	236.	Y-20	WINTR														
E			105			76ADD														
MAIN STEAM	VALVES	3MS-V195S AB-1	YARWAY	AB21 PIPE	435056 004	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
MS0008		05362	YARWAY	MTD	M-34Y	III			1G	2G										R
VENT CONN FOR	GLOBE	952677-01			50-434	74ED			VERT	VERT										
LS 0430	1/2		5515B-SA	236.	Y-20	WINTR														
E			105			76ADD														

TAGS INCLUDED: 3MS-V18SAB-1 ----3MS-V196SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MAIN STEAM	VALVES	3MS-V196S	YARWAY	AB21	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		AB-1		PIPE	004	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05363	YARWAY	MTD	M-34Y	III			1G	2G										R
VENT CONN FOR	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
LS 0430	1/2		5515B-SA	236.	Y-20	WINTR														
E			105			76ADD														
MAIN STEAM	VALVES	3MS-V53SA	YARWAY	AB21	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05325	YARWAY	MTD	M-34Y	III			1G	2G										R
PT,PI,PS-0430	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
CONN ON AUX FD	1		5515B-SA	236.	Y-20	WINTR														
WATER PUMP TUR			105			76ADD														
MAIN STEAM	VALVES	3MS-V54SA	YARWAY	AB21	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05326	YARWAY	MTD	M-34Y	III			1G	2G										R
PT,PI,PS-0430	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
CONN ON AUX FD	1		5515B-SA	236.	Y-20	WINTR														
WATER PUMP TUR			105			76ADD														
MAIN STEAM	VALVES	3MS-V57SA	YARWAY	AB21	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	008	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05263	YARWAY	MTD	M-34Y	III			1G	2G										R
DRAIN FOR DRAI	GLOBE	952677-04			50-M34	74ED			VERT	VERT										
N POT ON DRAIN	2		5515B-SA	236.	Y-20	WINTR														
STAEION			105			76ADD														
MAIN STEAM	VALVES	3MS-V58SA	YARWAY	AB21	435056	ASME	A		1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	008	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05287	YARWAY	MTD	M-34Y	III			1G	2G										
DRAIN FOR DRAI	GLOBE	952677-04			50-M34	74ED			VERT	VERT										
N POT ON DRAIN	2		5515E-SA	236.	Y-20	WINTR														
STANION			105			76ADD														
MAIN STEAM	VALVES	3MS-V65SA	YARWAY	AB21	435056	ASME	A		1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
MS0008		05275	YARWAY	MTD	M-34Y	III			1G	2G										R
DRAIN POT TO I	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
NSTR LEVEL SWI	1		5515B-SA	236.	Y-20	WINTR														
TCHE0430			105			76ADD														

TAGS INCLUDED: 3MS-V196SAB-1 ----3MS-V73SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
MAIN STEAM MSOCO8	VALVES	3MS-V73SA B-1 05285	YARWAY YARWAY	AB21 PIPE MTD	435056 006 M-34Y	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
DRAIN POT TO INSTR LEVEL SWI TCHE0430	GLOBE 1	952677-02	5515B-SA 105	236.	50-M34 Y-20	74ED WINTR 76ADD														
MAIN STEAM MSOCO8 PDT-218C CONN ON AUX FDWATER PUME TURB 1X-N	VALVES GLOBE 1	3MS-V92SA B-1 05327 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
MAIN STEAM MSOCO8 PDT-218D CONN ON AUX FDWATER PUME TURB 1X-N	VALVES GLOBE 1	3MS-V98SA B-1 05328 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
MAIN STEAM MSOCO8 STM GEN 1C-SN OUTLET TO AUX FDWETER PMP TU	VALVES CHECK 6	3MS-V99SA -1 05229 FA-5476	PACIFIC VLV. PACIFIC VLV. 58809-7-WE (40)-X	AB3 PIPE MTD 261.	435022 077 M-33P 50-M33 P-20	ASME SECT III 74 ED SUMM 72ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PARIFIC VALVE PROGRAM PVSAP
MAIN STEAM MSOCO8	VALVES	4 THROTTL E V 08441		TB41 314.	<															ELEC W/DG
MAIN STEAM MSOCO8 M	VALVES	5MS-P9-1 08455		AB51 321.	<			B												NSSS R

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1031
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTW	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
MAKE UP PLANT WATER MP0080 COOLING WATER TO ESW FAN - COOLER	VALVES GLOBE 2" SOLENOID OPER VLV	3MP-V217S A-1 05224 TR#-2804/ TRP2375	TARGET ROC K TARGET ROC K 790-015	???? PIPE MTD 0.	435243 016 M-73A 50-473 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REP. 26530
MAKE UP PLANT WATER MP0080 COOLING WATER TO ESW FAN - COOLER	VALVES GLOBE 2" SOLENOID OPER VLV	3MP-V218S B-1 05225 TR#-2804/ TRP2375	TARGET ROC K TARGET ROC K 790-015	???? PIPE MTD 0.	435243 016 M-73A 50-473 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REP. 26530

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MISC. DRAINS	LIMIT SW	LS 1MD 64		CB11	435271	IEEE	A	D	F/B	F/B	YES	N/A	NA	MF	MD	26	30	>33	RAB	RESPONSE
	ITCHES	10A SA		LCL	29	344-			0.3	0.4						HZ	HZ	HZ	138,51	SPECTRUM
MD0024		01121	MAGNETROL		IN32	75			S/S	S/S									241,	FOR BE,
RAB EQUIP DRN	LEVEL SW				IN32-	323-			0.3	0.4									182	OBE
SUMP XHI LVL	ITCH	N046345-1	A153F-3X-Y	191.	20	74			VERT	VERT									88,	RESPECT
N			-TDM -S1MD						0.62	1.0									282R1	
MISC. DRAINS	LIMIT SW	LS 1MD 64		CB11	435271	IEEE	A	D	F/B	F/B	YES	N/A	NA	MF	MD	26	30	>33	RAB	RESPONSE
	ITCHES	10A SA		LCL	29	344-			0.3	0.4						HZ	HZ	HZ	138,51	SPECTRUM
MD0024		02573	MAGNETROL		IN32	75			S/S	S/S									241,	FOR BE,
RAB EQUIP DRN	LEVEL SW	NO 46345-			IN32-	323-			0.3	0.4									182,88	OBE
SUMP XHI LVL	ITCH	1	A153F-3X-Y	191.	20	74			VERT	VERT									282R1	RESPECT
N			-TDM -S1MD						0.62	1.0										
MISC. DRAINS	LIMIT SW	LS 1MD 64	N/A	????	435271	IEEE	A		F/B	F/B	YES	N/A	NA	MF	MD	26	30	>33	RAB	RESPONSE
	ITCHES	10B SB		LCL	30	344-			0.3	0.4						HZ	HZ	HZ	138,51	SPECTRUM
MD0024		02570	MAGNETROL		D	75			S/S	S/S									241,	FOR DBE,
RAB EQUIP DRN	LEVEL SW	NO 46345-			IN32-	323-			0.3	0.4									182,88	OBE
SUMP XHI LVL	ITCH	1	A153F-3X-Y	*****	20	74			VERT	VERT									282R1	RESPECT
			-TDM -S1MD						0.62	1.0										
MISC. DRAINS	LIMIT SW	LS 1MD 64		AB01	435271	IEEE	A		F/B	F/B	YES	N/A	NA	MF	MD	26	30	>33	RAB	RESPONSE
	ITCHES	10C SA		LCL	31	344-			0.3	0.4						HZ	HZ	HZ	138,51	SPECTRUM
MD0024		01122	MAGNETROL		IN32	75			S/S	S/S									241,	FOR DBE,
RAB EQUIP DRN	LEVEL SW				IN32-	323-			0.3	0.4									182	OBE
SUMP XHI LVL	ITCH	N046345-1	A153F-3X-Y	191.	20	74			VERT	VERT									88,	RESPECT
			-TDM -S1MD						0.62	1.0									282R1	
MISC. DRAINS	LIMIT SW	LS 1MD 64		AB01	435271	IEEE	A	D	F/B	F/B	YES	N/A	NA	MF	MD	26	30	>33	RAB	RESPONSE
	ITCHES	10C SA		LCL	31	344-			0.3	0.4						HZ	HZ	HZ	138,51	SPECTRUM
MD0024		02571	MAGNETROL		IN32	75			S/S	S/S									241,	FOR BE,
RAB EQUIP DRN	LEVEL SW	NO 46345-			IN32-	323-			0.3	0.4									182,88	OBE
SUMP XHI LVL	ITCH	1	A153F-3X-Y	191.	20	74			VERT	VERT									282R1	RESPECT
N			-TDM -S1MD						0.62	1.0										
MISC. DRAINS	LIMIT SW	LS 1MD 64		AB01	435271	IEEE	A	D	F/B	F/B	YES	N/A	NA	MF	MD	26	30	>33	RAB	RESPONSE
	ITCHES	10D SB		LCL	32	344-			0.3	0.4						HZ	HZ	HZ	138,51	SPECTRUM
MD0024		02572	MAGNETROL		IN32	75			S/S	S/S									241,	FOR BE,
RAB EQUIP DRN	LEVEL SW				IN32-	323-			0.3	0.4									182	OBE
SUMP XHI LVL	ITCH	N046345-1	A153F-3X-Y	191.	20	74			VERT	VERT									88,	RESPECT
N			-TDM -S1MD						0.62	1.0									282R1	

TAGS INCLUDED: LS 1MD 6410A SA----LS 1MD 6990A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
MISC. DRAINS	LIMIT SW ITCHES	LS 1MD 69 90A SA 02591	MAGNETROL	DG31 LCL	435271 37 IN32 IN32-	IEEE 344-75 323-74	A		F/B 0.3 S/S 0.3 VERT 0.62	F/B 0.4 S/S 0.4 VERT 1.0	YES	N/A	NA	MF	MD	26 HZ	30 HZ	>33 HZ	DGB195 A,231 267, 292 316, 340	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
MDOC24 DGB A SUMP EXT RA HILEVEL	LEVEL SW ITCH	NO 46345-1	A153F-3X-Y -TDM -S1MD	265.	20															
MISC. DRAINS	LIMIT SW ITCHES	LS 1MD 69 90B SB 01621	MAGNETROL	DG31 LCL	435271 38 IN32 IN32-	IEEE 344-75 323-74	A	B	F/B 0.3 S/S 0.3 VERT 0.62	F/B 0.4 S/S 0.4 VERT 1.0	YES	N/A	NA	MF	MD	26 HZ	30 HZ	>33 HZ	DGB195 A, 231 267, 292 316, 340	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
MDOO24 DGB B SUMP EXT PA HILEVEL	LEVEL SW ITCH	N046345-1	A153F-3X-Y -TDM -S1MD	265.	20															
MISC. DRAINS	LIMIT SW ITCHES	LS 1MD 69 90B SB 02592	MAGNETROL	DG31 LCL	435271 33 IN32 IN32-	IEEE 344-75 323-74	A		F/B 0.3 S/S 0.3 VERT 0.62	F/B 0.4 S/S 0.4 VERT 1.0	YES	N/A	NA	MF	MD	26 HZ	30 HZ	>33 HZ	DGB195 A,231 267, 292 316, 340	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
MDOO24 DGB B SUMP EXT RA HILEVEL	LEVEL SW ITCH	N046345-1	A153F-3X-Y -TDM -S1MD	265.	20															
MISC. DRAINS	LIMIT SW ITCHES	LS*1MD 64 70A SA 02574	MAGNETROL	DF31 LCL	435271 33 IN32 IN32-	IEEE 344-75 323-74	A		F/B 0.3 S/S 0.3 VERT 0.62	F/B 0.4 S/S 0.4 VERT 1.0	YES	N/A	NA	MF	MD	26 HZ	30 HZ	>33 HZ	DFST 95,119 143, 159 175, 191	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
MDOC24 FO TK AREA DRA IN SUMP XHI LEVEL	LEVEL SW ITCH	NO 46345-1	A153F-3X-Y -TDM -S1MD	243.	20															
MISC. DRAINS	LIMIT SW ITCHES	LS*1MD 64 70B SB 01128	MAGNETROL	DF31 LCL	435271 34 IN32 IN32-	IEEE 344-75 323-74	A		F/B 0.3 S/S 0.3 VERT 0.62	F/B 0.4 S/S 0.4 VERT 1.0	YES	N/A	NA	MF	MD	26 HZ	30 HZ	>33 HZ	DFST 95,119 143, 159 175, 191	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
MDOO24 FO TK AREA DRA IN SUMP XHI LEVEL	LEVEL SW ITCH	NO 46345-1	A153F-3X-Y -TDM -S1MD	243.	20															
MISC. DRAINS	LIMIT SW ITCHES	LS*1MD 64 70C SA 02575	MAGNETROL	LCL	435271 35 IN32 IN32-	IEEE 344-75 323-74	A	D	F/B 0.3 S/S 0.3 VERT 0.62	F/B 0.4 S/S 0.4 VERT 1.0	YES	N/A	NA	MF	MD	26 HZ	30 HZ	>33 HZ	DFST 95,119 143, 159 175, 191	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
MDOO24 FO TK AREA DRA IN SUMP XHI LEVEL	LEVEL SW ITCH	NO 46345-1	A153F-3X-Y -TDM -S1MD		20															

TAGS INCLUDED: LS 1MD 6990A SA----LS*1MD 6470D SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR

UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1034

OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q I												
MISC. DRAINS MD0024	LIMIT SWITCHES	LS*1MD 64 7UD SB 01126	MAGNETROL	LCL	435271 36 IN32	IEEE 344-75	A	F/B 0.3 S/S	F/B 0.4 S/S	YES	N/A	NA	MF	MD	26 HZ	30 HZ	>33 HZ	DSFT 95,119 143,	RESPONSE SPECTRUM FOR DBE,
FO TK AREA DRAIN SUMP XHI LEVEL	LEVEL SWITCH	NO 46345-1	A153F-3X-Y -TDM -S1MD		IN32-20	323-74		0.3 VERT 0.62	0.4 VERT 1.0									159 175, 191	OBE RESPECT

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITY	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
MISC. DRAINS MD0024 CONTAINMENT SUMP PUMP DISCHARGEETHROUGH PE	VALVES GATE 3	2MD-V36SA -1 05222 SOE9074	ANCHOR DARLING V ANCHOR DARLING V 3",150#,M	CB11 PIPE MTD 230.	435013 054 M-37A 50-437 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
MISC. DRAINS MD0024 CONTAINMENT SUMP PUMP	VALVES MOTOR OPERATOR	2MD-V36SA -1 09172 BU058/37	LIMITORQUE CORP LIMITORQUE CORP SMB-000	CB11 VLV. PIPE 230.	435013 < M-37A 50-437 A-20	IEEE 344 75	A		1.5G HOR 1 G VER	3.0G HOR 2 G VER	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
MISC. DRAINS MD0024	VALVES GATE 3	2MD-V77SB -1 05223 SOE9074	ANCHOR DARLING V ANCHOR DARLING V 3",150#,M	AB11 PIPE MTD 230.	435013 054 M-37A 50-437 A-20	ASME SECT III 71ED SUM 72ADD	A	D	1.5G HOR 1 G VER	3.G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
MISC. DRAINS MD0024	VALVES MOTOR OPERATOR	2MD-V77SB -1 09173 BU058/37	ANCHOR DARLING V LIMITORQUE CORP SMB-000	AB11 VLV. MTD 230.	435013 054 M-37A 50-437 A-20	IEEE 344 75	A		1.5G HOR 1 G VER	3.0G HOR 2 G VER	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	ELOG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STOS	Q	I												
NITROGEN SUPPLY NIOC78 WPS FBS AUX BL DG SEAL WATER RETMRN FILTER	VALVES PLUG 2	2NI-G34SN -1 05366 CPL-2-039 6-7075-79	XOMOX CORP XOMOX CORPORATI EA-740	AB31 VLV MTD 270.	435141 001 M-45 50-M45 -20	ASME SECT III 77ED SUMM 77ADD	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NIOC78 WPS FBS AUX BL DG SEAL WATER RETERN FILTER	VALVES LIMIT SWITCH	2NI-G34SN -1 10713 QTR-111	XOMOX CORP NAMCO EA-740	AB31 VLV MTD 270.	435141 001 M-45 50-M45 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
NITROGEN SUPPLY NIOC78 WPS FBS AUX BL DG SEAL WATER RETERN FILTER	VALVES SOLENOID VLV	2NI-G34SN -1 10714 AQR-67368	XOMOX CORP ASCO NP-8344	AB31 VLV MTD 270.	435141 001 M-45 50-M45 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	33 HZ	33 HZ	33 HZ	NA	R
NITROGEN SUPPLY NIOC78 WPS FBS AUX BL DG REACTOR COO LANM FILTER N2	VALVES PLUG 2	2NI-G35SN -1 05364 CPL-2-039 6-7075-79	XOMOX CORP XOMOX CORPORATI FIG-0396BW	AB31 PIPE MTD 270.	435141 001 M-45 50-M45 -20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NIOC78 WPS FBS AUX BL DG REACTOR COO LANM FILTER N2	VALVES LIMIT SWITCH	2NI-G35SN -1 10715 QTR-111	XOMOX CORP NAMCO EA-740	AB31 VLV MTD 270.	435141 001 M-45 50-M45 -20	IEEE 344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		N	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NIOC78 WPS FBS AUX BL DG REACTOR COO LANT FILTER N2	VALVES SOLENOID VLV	2NI-G35SN -1 10716 AQR-67368	XOMOX CORP ASCO NP-8344	AB31 VLV MTD 270.	435141 001 M-45 50-M45 -20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		N	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2NI-G34SN-1 ----2NI-V32SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
NITROGEN SUPPLY NI0078 WPS FBS AUX BUILDING SEAL WATER INJECTION	VALVES	2NI-V32SN-1 05370	KEROTEST MFTR KEROTEST MFTR NP-8320A 185V	AB31 VLV MTD 271.	435092 021 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NI0078 WPS FBS AUX BUILDING SEAL WATER INJECTION	VALVES ACT. SOLENOID VALVE	2NI-V32SN-1 10728 AQR-67368	KEROTEST MFTR ASCO MFTR NP-8320A 185V	AB31 VLV MTD 271.	435092 < M-69 50-M69 -20	IEEE 344-75	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NI0078 WPS FBS AUX BULDING SEAL WATER INJECTION	VALVES LIMIT SWITCH	2NI-V32SN-1 11615 QTR-105	KERTEST MFTR NAMCO EA-180	AB31 VLV MTD 271.	435092 021 M-69 50-M69 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	R
NITROGEN SUPPLY NI0078 WPS FBS AUX BLDG SEAL WATER INJECTION FILT	VALVES	2NI-V33SN-1 05368	KEROTEST MFTR KEROTEST MFTR 99039H0	AB31 VLV MTD 271.	435092 021 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NI0078 WPS FBS AUX BLDG SEAL WATER INJECTION FILT	VALVES OPERATOR SOLENOID VLV.	2NI-V33SN-1 10729 AQR-67368	KEROTEST MFTR ASCO MFTR NP-8320A 185V	AB31 VLV MTD 271.	435092 < M-69 50-M69 -20	IEEE 344-75	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
NITROGEN SUPPLY NI0078 WPS FBS AUX BUILDING SEAL WATER INJECTION	VALVES LIMIT SWITCH	2NI-V33SN-1 11616 QTR-105	KEROTEST MFTR NAMCO NP-8320A 185V	AB31 VLV MTD 271.	435092 021 M-69 50-M69 -20	IEEE 344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	

TAGS INCLUDED: 2NI-V32SN-1 ----2NI-V40SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
NITROGEN SUPPLY NI0078 WPS FBS AUX BUILDING SEAL WATER INJECTION	VALVES CHECK 2	2NI-V40SN -1 05371 SA-493667	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.36178F 316T2	AB31 PIPE MTD 261.	435057 0064 M-36R 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NI0078 WPS FBS AUX BLDG SEAL WATER INJECTION FILT	VALVES CHECK 2	2NI-V41SN -1 05369 SA-493667	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.36178F 316T2	AB31 PIPE MTD 261.	435057 0064 M-36R 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NI0078 WPS FBS AUX BLDG SEAL WATER RETURN FILTER	VALVES CHECK 2	2NI-V42SN -1 05367 SA-479295	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3678F3 16T2	AB31 PIPE MTD 261.	435057 0064 M-36R 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NI0078 WPS FBS AUX BLDG REACTOR COOLANE FILTER N2	VALVES CHECK 2	2NI-V43SN -1 05365 SA-479295	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG 3678F3 16T2	AB31 PIPE MTD 261	435057 0064 M-36R 50-M36 Y-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
NITROGEN SUPPLY NI0078 WPS AUX BLDG BORIC ACID FILTER M2 SUPPLY	VALVES PLUG 2	3NI-G36SN -1 05374 CPL-2-039 6-7075-79	XOMOX CORP XOMOX CORPORATI EA-740	AB31 VLV MTD 271.	435141 002 M-45 50-M45 1-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NI0078 WPS AUX BLDG BORIC ACID FILTER E2 SUPPLY	VALVES LIMIT SWITCH	3NI-G36SN -1 10717 QTR-111	XOMOX CORP NAMCO EA-740	AB31 VLV MTD 271.	435141 002 M-45 50-M45 1-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2NI-V40SN-1 ----3NI-G36SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E)
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
NITROGEN SUPPLY NI0078	VALVES	3NI-G36SN -1 10718	XOMOX CORP ASCO	AB31 VLV MTD	435141 002 M-45	IEEE-344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT		X	N	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WPS AUX BLDG BORIC ACID FILTER M2 SUPPLY	SOLENOID VLV	AQR-67368	NP-8344	270.	50-M45 -20															
NITROGEN SUPPLY NI0078	VALVES	3NI-G37SN -1&2 05372	XOMOX CORP XOMOX CORPORATI	AB31 PIPE MTD	435141 002 M-45	ASME SECT III	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WPS AUX BLDG FBS RECYCLE EVAM FEED FIL-	PLUG 2	CPL-2-039 6-7075-79	FIG-0396BW	270.	50-M45 -20	74ED WINTR 76ADD														
NITROGEN SUPPLY NI0078 WPS AUX BLDG FBS RECYCLE EVAE FEED FIL-	VALVES LIMIT SWITCH	3NI-G37SN -1&2 10719 QTR-111	XOMOX CORP NAMCO FIG-0396BW	AB31 PIPE MTD 270.	435141 002 M-45 50-M45 -20	IEEE-344-	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		N	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
NITROGEN SUPPLY NI0078 WPS AUX BLDG FBS RECYCLE EVAP FMED FILTER	VALVES SOLENOID VLV	3NI-G37SN -1&2 10720 AQR-67368	XOMOX CORP ASCO NP-8344	AB31 VLV MTD 270.	435141 002 M-45 50-M45 -20	IEEE-344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT		X	N	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NI0078 WPS FBS N2 SUPPLY TO RECYCLE EVAP FEED FILT	VALVES PLUG 2	3NI-G51SN -1&2 05376 CPL-2-039 6-7075-79	XOMOX CORP XOMOX CORPORATI FIG-0396BW	AB31 PIPE MTD 261.	435141 002 M-45 50-M45 -20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NI0078 N2 SUPPLY TO ADD. TK.	VALVES CHECK 1	3NI-V127S AB-1 05378 SA-479282	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.838YT3	AB11 PIPE MTD 215.	435057 022 M-349 50-M34 R-20	ASME SECT III 71ED SUM 73ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3NI-G36SN-1 ----3NI-V128SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
NITROGEN SUPPLY NI0078 TO PS-7152 & PS-7154 ON ADD. TK.	VALVES GLOBE 1	3NI-V128S AB-1 05379 952677-02	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216.	435056 006 M-34Y 59-934 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NI0078 WPS AUX BLDG BORIC ACID FILTER N2 SUPPLY	VALVES CHECK 2	3NI-V44SN -1 05375 SA-479295	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3678F3 16T3	AB31 PIPE MTD 261.	435057 009A M-36R 59-934 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NI0078 WPS AUX BLDG FBS RECYCLE EVAP FEED FILTER	VALVES CHECK 2	3NI-V45SN -1&2 05373 SA-479295	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3678F3 16T3	AB31 PIPE MTD 261.	435057 009A M-36R 59-936 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
NITROGEN SUPPLY NI0078 WPS FBS N2 SUPPLY TO RECYCLE EVAP FEED FILT	VALVES CHECK 2	3NI-V60SN -1&2 05377 SA-489916	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T3	AB31 PIPE MTD 261.	435057 009 M-36R 59-934 R-20	ASME SECT III 71ED SUM 73ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	TUS Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
RAD.MONITORING	ANNUNCIA TORS	CS ASSLY RE-3561A 12543		CB41	N															
RE0026				286.																
RAD.MONITORING	ANNUNCIA TORS	CS ASSLY RE-3561B 12544		CB41	N															
RE0026				286.																
RAD.MONITORING	ANNUNCIA TORS	CS ASSLY RE-3561C 12545		CB41	N															
RE0026				286.																
RAD.MONITORING	ANNUNCIA TORS	CS ASSLY RE-3561D 12546		CB41	N															
RE0026				286.																
RAD.MONITORING	ANNUNCIA TORS	RA 1CR 3561A SA 00418	GENERAL ATOMIC	CB41 WALL	435220 N-29	PG 1.100 IEEE	A	D	0.35 S/S 0.29 F/B	0.56 S/S 0.48 F/B	X		NA	MF	MD	30	N/A	N/A	RCB-28,118 310 199	QUAL BY SIMILARTY SEE A SUMM RPT
RE0026 CONTAINMENT IS OL SYS AREA RADNMONITOR	RADIATIO N ALARM, ANNUNCIA	E-255-996	GENERAL ATOMIC RL-10	290.	50-N29 -20	344-75			0.40 V	0.65 V									259 408	E255-1123
RAD.MONITORING	ANNUNCIA TORS	RA 1CR 3561B SB 00417	GENERAL ATOMIC	CB41 WALL	435220 N-29	PG 1.100 IEEE	A	D	0.35 S/S 0.29 F/B	0.56 S/S 0.48 F/B	X		NA	MF	MD	30	N/A	N/A	RCB-28,118 310 199	QUAL BY SIMILARTY SEE A SUMM RPT
RE0026 CONTAINMENT IS OL SYS AREA RADNMONITOR	RADIATIO N ALARM, ANNUNCIA	E-255-996	GENERAL ATOMIC RL-10	290.	50-N29 -20	344-75			0.40 V	0.65 V									259 408	E255-1123

TAGS INCLUDED: CS ASSLY RE-356----RA 1CR 3561C SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
RAD.MONITORING	ANNUNCIA	RA 1CR 35	GENERAL	CB41	435220	RG 1.	A		0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RCB-	QUAL BY
	TORS	61C SA	ATOMIC	WALL		100			S/S	S/S									28,118	SIMILARTY
RE0026		00420	GENERAL		N-29	IEEE			0.29	0.48									310	SEE GA
CONTAINMENT IS	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									199	SUMM RPT
OL SYS AREA	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									259	E255-1123
RAD MONITOR	ANNUNCIA								V	V									408	
RAD.MONITORING	ANNUNCIA	RA 1CR 35	GENERAL	CB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RCB-	QUAL BY
	TORS	61D SB	ATOMIC	WALL		100			S/S	S/S									28,118	SIMILARTY
RE0026		00419	GENERAL		N-29	IEEE			0.29	0.48									310	SEE A
CONTAINMENT IS	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									199	SUMM RPT
OL SYS AREA	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									259	E255-1123
RADNMONITOR	ANNUNCIA								V	V									408	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENEPAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	64A1 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0C26		00437	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	64A2 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00433	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
POOL (SOUTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	64A3 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00434	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	64B1 SB	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
RE0C26		00436	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	

TAGS INCLUDED: RA 1CR 3561C SA----RA*1FR 356482 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	CODES	TUS		OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #	STDS	Q	I												
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	64B2 SB	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
REOO26		00435	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	64B3 SB	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
REOO26		00438	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	65A1 SA	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
REOO26		00449	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	65A2 SA	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
REOO26		00447	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	65A3 SA	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
REOO26		00451	GENERAL AT		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	OMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	65B1 SB	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
REOO26		00448	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	

TAGS INCLUDED: RA*1FR 356482 S----RA*1FR 356582 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	65B2 SB	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00450	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	65B3 SB	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00446	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	66A1 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00462	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	/B									0-19	SUMM RPT
L (NORTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	66A2 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00458	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	66A3 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00460	GENERAL		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	
RAD.MONITORING	ANNUNCIA	RA*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	TORS	66B1 SB	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00459	GENERAL AT		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	OMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N ALARM,	996	RL-10	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	ANNUNCIA								V	V									151	

TAGS INCLUDED: RA*1FR 356582 S----RA*1FR 356682 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
RAD.MONITORING	ANNUNCIA TORS	RA*1FR 35 66B2 SB 00461	GENERAL ATOMIC GENERAL	FH41 WALL	435220 < N-29	RG 1. 100 IEEE	A	D	0.35 S/S 0.29	0.56 S/S 0.48	X		NA	MF	MD	30	N/A	N/A	D-28 130 226	QUAL GEN-ERICALLY SEE GA
RE0026 SPENT FUEL POOL (NORTH) AREA RAD MON	RADIATION ALARM, ANNUNCIA	E-255-996	ATOMIC RL-10	290.	50-N29 -20	344-75			F/B 0.40 V	F/B 0.65 V									0-19 87 151	SUMM RPT E255-1123
RAD.MONITORING	ANNUNCIA TORS	RA*1FR 35 66B3 SB 00463	GENERAL ATOMIC GENERAL	FH41 WALL	435220 < N-29	RG 1. 100 IEEE	A		0.35 S/S 0.29	0.56 S/S 0.48	X		NA	MF	MD	30	N/A	N/A	D-28 130 226	QUAL GEN-ERICALLY SEE GA
RE0026 SPENT FUEL POOL (NORTH) AREA RAD MON	RADIATION ALARM, ANNUNCIA	E-255-996	ATOMIC RL-10	290.	50-N29 -20	344-75			F/B 0.40 V	F/B 0.65 V									0-19 87 151	SUMM RPT E255-1123
RAD.MONITORING	ANNUNCIA TORS	RA*1FR 35 67A1 SA 00471	GENERAL ATOMIC GENERAL	FH41 WALL	435220 < N-29	RG 1. 100 IEEE	A	D	0.35 S/S 0.29	0.56 S/S 0.48	X		NA	MF	MD	30	N/A	N/A	D-28 130 226	QUAL GEN-ERICALLY SEE GA
RE0026 SPENT FUEL POOL (NORTH) AREA RAD MON	RADIATION ALARM, ANNUNCIA	E-255-996	ATOMIC RL-10	290.	50-N29 -20	344-75			F/B 0.40 V	F/B 0.65 V									0-19 87 151	SUMM RPT E255-1123
RAD.MONITORING	ANNUNCIA TORS	RA*1FR 35 67A2 SA 00473	GENERAL ATOMIC GENERAL	FH41 WALL	435220 < N-29	RG 1. 100 IEEE	A	D	0.35 S/S 0.29	0.56 S/S 0.56	X		NA	MF	MD	30	N/A	N/A	D-28 130 226	QUAL GEN-ERICALLY SEE GA
RE0026 SPENT FUEL POOL (NORTH) AREA RAD MON	RADIATION ALARM, ANNUNCIA	E-255-996	ATOMIC RL-10	290.	50-N29 -20	344-75			F/B 0.40 V	F/B 0.65 V									0-19 87 151	SUMM RPT E255-1123
RAD.MONITORING	ANNUNCIA TORS	RA*1FR 35 67A3 SA 00472	GENERAL ATOMIC GENERAL	FH41 WALL	435220 < N-29	RG 1. 100 IEEE	A	D	0.35 S/S 0.29	0.56 S/S 0.48	X		NA	MF	MD	30	N/A	N/A	D-28 130 226	QUAL GEN-ERICALLY SEE GA
RE0026 SPENT FUEL POOL (NORTH) AREA RAD MON	RADIATION ALARM, ANNUNCIA	E-255-996	ATOMIC RL-10	290.	50-N29 -20	344-75			F/B 0.40 V	F/B 0.65 V									0-19 87 151	SUMM RPT E255-1123
RAD.MONITORING	ANNUNCIA TORS	RA*1FR 35 67B1 SB 00475	GENERAL ATOMIC GENERAL	FH41 WALL	435220 < N-29	RG 1. 100 IEEE	A	D	0.35 S/S 0.29	0.56 S/S 0.48	X		NA	MF	MD	30	N/A	N/A	D-28 130 226	QUAL GEN-ERICALLY SEE GA
RE0026 SPENT FUEL POOL (NORTH) AREA RAD MON	RADIATION ALARM, ANNUNCIA	E-255-996	ATOMIC RL-10	290.	50-N29 -20	344-75			F/B 0.40 V	F/B 0.65 V									0-19 87 151	SUMM RPT E255-1123

TAGS INCLUDED: RA*1FR 356682 S----RA*1FR 356782 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
RAD.MONITORING	ANNUNCIA TORS	RA*1FR 35 6782 SB 00474	GENERAL ATOMIC GENERAL	FH41 WALL	435220 < N-29	RG 1. 100 IEEE	A	D	C.35 S/S 0.29	0.56 S/S 0.48	X		NA	MF	MD	30	N/A	N/A	D-28 130 226	QUAL GEN- ERICALLY SEE GA
RE0026 SPENT FUEL POO L (NORTH) A REA RAD MON	RADIATIO N ALARM, ANNUNCIA	E-255- 996	ATOMIC RL-1C	290.	50-429 -20	344- 75			F/B 0.40 V	F/B 0.65 V									0-19 87 151	SUMM RPT E255-1123
RAD.MONITORING	ANNUNCIA TORS	RA*1FR 35 6783 SB 00470	GENERAL ATOMIC GENERAL	FH41 WALL	435220 < N-29	RG 1. 100 IEEE	A	D	0.35 S/S 0.29	0.56 S/S 0.48	X		NA	MF	MD	30	N/A	N/A	D-28 130 226	QUAL GEN- ERICALLY SEE GA
RE0026 SPENT FUEL POO L (NORTH) A REA RAD MON	RADIATIO N ALARM, ANNUNCIA	E-255- 996	ATOMIC RL-10	290.	50-429 -20	344- 75			F/B 0.40 V	F/B 0.65 V									0-19 87 151	SUMM RPT E255-1123

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
RAD.MONITORING	CABINET	RMC-1	GENERAL	AB52	435220	PG1.1	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RA812	QUALIFIED
			ATOMIC	RMC-1		00			S/S	S/S									10,60	BY SIMIL
RE0026		10674	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
CONTROL ROOM	CONTROL	E-255-	ATOMIC		50-N29	344-			F/B	F/B									37,88	SUMM RPT
CABINET	ROOM	1063		305.	-29	75			0.4	0.65									212	E-255-
N	CABINET								V	V										1123

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR	REMARKS
									ZPA										RESP.	
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	CODES STDS	TUS		OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
RAD.MONITORING	CONTROL	RC 1AV 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	C9 SA	ATOMIC	RMC-1	<	100			S/S	S/S						5			10,60	SIMILARTY
REO026		02281	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
PLANT VENT	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									37,88	SUMM RPT
STACK RAD	N CONTRO	1063	RM-23	305.	-20	75			0.40	0.65									212	E255-1123
MONITOR	LLER(DIR								V	V										
RAD.MONITORING	CONTROL	RC 1CC 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	01A SA	ATOMIC	RMC-1	<	100			S/S	S/S						5			10,60	SIMILARTY
REO026		02304	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
COMP COOLING W	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									37,88	SUMM RPT
TR RAD	N CONTRO	1063	RM-23	305.	-20	75			0.40	0.65									212	E255-1123
MONNTOR	LLER(DIR								V	V										
RAD.MONITORING	CONTROL	RC 1CC 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	01B SB	ATOMIC	RMC-1	<	100			S/S	S/S						5			10,60	SIMILARTY
REO026		02291	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
COMP COOLING W	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									37,88	SUMM RPT
TR RAD	N CONTRO	1063	RM-23	305.	-20	75			0.40	0.65									212	E255-1123
MONNTOR	LLER(DIR								V	V										
RAD.MONITORING	CONTROL	RC 1CR 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	61A SA	ATOMIC	RMC-1	<	100			S/S	S/S						5			10,60	SIMILARTY
REO026		02295	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
CONTAINMENT IS	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									37,88	SUMM RPT
OL SYS AREA	N CONTRO	1063	RM-23	305.	-20	75			0.48	0.65									212	E255-1123
RADNMONITOR	LLER(DIR								V	V										
RAD.MONITORING	CONTROL	RC 1CR 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB 12	QUAL BY
	DEVICES	61B SB	ATOMIC	RMC-1	<	100			S/S	S/S						5			10,60	SIMILARTY
REO026		02293	GENERAL		N-29	IEEE			0.29	0.48									191,37	SEE A
CONTAINMENT IS	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									88,	SUMM RPT
OL SYS AREA	N CONTRO	1063	RM-23	305.	-20	75			0.40	0.65									212	E255-1123
RADNMONITOR	LLER(DIR								V	V										
RAD.MONITORING	CONTROL	RC 1CR 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	61C SA	ATOMIC	RMC-1	<	100			S/S	S/S						5			10,60	SIMILARTY
REO026		02280	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
CONTAINMENT IS	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									37,88	SUMM RPT
OL SYS AREA	N CONTRO	1063	RM-23	305.	-20	75			0.40	0.65									212	E255-1123
RADNMONITOR	LLER(DIR								V	V										

TAGS INCLUDED: RC 1AV 3509 SA----RC 1CR 3561D SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
RAD.MONITORING	CONTROL DEVICES	RC 1CR 35 61D SB	GENERAL ATOMIC	AB52 RMC-1	435220 <	RG 1. 100	A	D	0.35 S/S	0.56 S/S	X		NA	MF	MD	10. 5	13	28	RAB12-10,60	QUAL BY SIMILARTY
RE0026		02276	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
CONTAINMENT IS OL SYS AREA RADNMONITOR	RADIATION CONTROLLER(DIR	E-255-1063	ATOMIC RM-23	305.	50-N29 -20	344-75			F/B 0.40 V	F/B 0.65 V									37,88 212	SUMM RPT E255-1123
RAD.MONITORING	CONTROL DEVICES	RC 1CR 35 63A SA	GENERAL ATOMIC	AB52 RMC-1	435220 <	RG 1. 100	A	D	0.35 S/S	0.56 S/S	X		NA	MF	MD	10. 5	13	28	RAB12-10,60	QUAL BY SIMILARTY
RE0026		02289	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
CONTAINMENT POST LOCA RAD MONNTOR	RADIATION CONTROLLER(DIR	E-255-1063	ATOMIC RM-23	305.	50-N29 -20	344-74			F/B 0.40 V	F/B 0.65 V									37,88 212	SUMM RPT E255-1123
RAD.MONITORING	CONTROL DEVICES	RC 1CR 35 63B SB	GENERRAL ATOMIC	AB52 RMC-1	435220 <	RG 1. 100	A	D	0.35 S/S	0.56 S/S	X		NA	MF	MD	10. 5	13	28	RAB12-10,60	QUAL BY SIMILARTY
RE0026		02298	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
CONTAINMENT POST LOCA RAD MONNTOR	RADIATION CONTROLLER(DIR	E-255-1063	ATOMIC RM-23	305.	50-N29 -20	344-75			F/B 0.48 V	F/B 0.65 V									37,88 212	SUMM RPT E255-1123
RAD.MONITORING	CONTROL DEVICES	RC 1CR 35 89 SA	GENERAL ATOMIC	RMC-1	435220	RG1.1 00	A	D	0.35 S/S	0.56 S/S						10. 5	13	28	RAB12 10,60	QUALIFIED BY SIMIL
RE0026		10670	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
IN-CONTMT HIGH RANGE POST ACC IDENT MONITOR	RADIATIN CONTROLLER	E-255-1061	ATOMIC RM-23		50-N29 -20	344-75			F/B 0.40 V	F/B 0.65 V									37,88 212	RPT E-255-1063
RAD.MONITORING	CONTROL DEVICES	RC 1CR 35 90 SB	GENERAL ATOMIC	RMC-1	435220	RG1.1 00	A	D	0.35 S/S	0.56 S/S						10. 5	13	28	RAB12 10,60	QUALIFIED BY SIMIL
RE0026		10673	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
IN-CONTMT HIGH RANGE POST ACC IDENT MONITOR	RADIATIN CONTROLLER	E-255-1061	ATOMIC RM-23		50-N29 -20	344-75			F/B 0.4 V	F/B 0.65 V									37,88 212	RPT E-255-1063
RAD.MONITORING	CONTROL DEVICES	RC 1CZ 35 C4A SA	GENERAL ATOMIC	AB52 RMC-1	435220 <	RG 1. 100	A	D	0.35 S/S	0.56 S/S	X		NA	MF	MD	10. 5	13	28	RAB12-10,60	QUAL BY SIMILARTY
RE0026		02297	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
CNTL RM NORM OUTSIDE AIR NNTAKE RAD	RADIATION CONTROLLER(DIR	E-255-1063	ATOMIC RM-23	305.	50-N29 -20	344-75			F/B 0.48 V	F/B 0.65 V									37,88 212	SUMM RPT E255-1123

TAGS INCLUDED: RC 1CR 3561D SB----RC 1CZ 35048 SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITN	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
RAD.MONITORING	CONTROL	RC 1CZ 35	GENERAL	AB52	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	048 SB	ATOMIC	RMC-1	<	100		S/S	S/S						5			10,60	SIMILARTY
REOO26		02299	GENERAL		N-29	IEEE		0.29	0.48									191	SEE A
CNTL RM NORM	RADIATIO	E-255-	ATOMIC		50-N29	344-		F/B	F/B									37,88	SUMM RPT
OUTSIDE AIR	N CONTRO	1063	RM-23	305.	-20	75		0.48	0.65									212	E255-1123
INTNKE	LLER(DIR							V	V										
RAD.MONITORING	CONTROL	RC 1CZ 35	GENERAL	AB52	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	05A1 SA	ATOMIC	RMC-1	<	100		S/S	S/S						5			10,60	SIMILARTY
REOO26		02300	GENERAL		N-29	IEEE		0.29	0.48									191	SEE A
CNTL RM EMER	RADIATIO	E-255-	ATOMIC		50-N29	344-		F/B	F/B									37,88	SUMM RPT
OUTSIDE A	N CONTRO	1063	RM-23	305.	-20	75		0.40	0.65									212	E255-1123
IR NNTAKE 10	LLER(DIR							V	V										
RAD.MONITORING	CONTROL	RC 1CZ 35	GENERAL	AB52	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	05A2 SA	ATOMIC	RMC-1	<	100		S/S	S/S						5			10,60	SIMILARTY
REOO26		02301	GENERAL		N-29	IEEE		0.29	0.48									191	SEE A
CNTL RM EMER	RADIATIO	E-255-	ATOMIC		50-N29	344-		F/B	F/B									37,88	SUMM RPT
OUTSIDE A	N CONTRO	1063	RM-23	305.	-20	75		0.40	0.65									212	E255-1123
IR NNTAKE 11	LLER(DIR							V	V										
RAD.MONITORING	CONTROL	RC 1CZ 35	GENERAL	AB52	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	05B1 SB	ATOMIC	RMC-1	<	100		S/S	S/S						5			10,60	SIMILARTY
REOO26		02306	GENERAL		N-29	IEEE		0.29	0.48									191	SEE A
CNTL RM EMER	RADIATIO	E-255-	ATOMIC		50-N29	344-		F/B	F/B									37,88	SUMM RPT
OUTSIDE A	N CONTRO	1063	RM-23	305.	-20	75		0.40	0.65									212	E255-1123
IR NNTAKE 10 R	LLER(DIR							V	V										
RAD.MONITORING	CONTROL	RC 1CZ 35	GENERAL	AB52	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	05B2 SB	ATOMIC	RMC-1	<	100		S/S	S/S						5			10,60	SIMILARTY
REOO26		02307	GENERAL		N-29	IEEE		0.29	0.48									191	SEE A
CNTL RM EMER	RADIATIO	E-255-	ATOMIC		50-N29	344-		F/B	F/B									37,88	SUMM RPT
OUTSIDE AIR IN	N CONTRO	1063	RM-23	305.	-20	75		0.40	0.65									212	E255-1123
TAKN 11 RAD	LLER(DIR							V	V										
RAD.MONITORING	CONTROL	RC 1LT 35	GENERAL	AB52	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	02A SA	ATOMIC	RMC-1	<	100		S/S	S/S						5			10,60	SIMILARTY
REOO26		02294	GENERAL		N-29	IEEE		0.29	0.48									191	SEE A
CONTAINMENT LE	RADIATIO	E-255-	ATOMIC		50-N29	344-		F/B	F/B									37,88	SUMM RPT
AK DET SYS R	N CONTRO	1063	RM-23	305.	-20	75		0.40	0.65									212	E255-1123
AD NONITOR	LLER(DIR							V	V										

TAGS INCLUDED: RC 1CZ 3504B SB----RC*1FL 3508A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		O I												
RAD.MONITORING	CONTROL	RC*1FL 35	GENERAL	AB52	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	08A SA	ATOMIC	RMC-1	<	100		S/S	S/S						5			10,60	SIMILARTY
RE0026		02278	GENERAL		N-29	IEEE		0.29	0.48									191	SEE A
FHB EMERG EXH	RADIATIO	E-255-	ATOMIC		59-N29	344-		F/B	F/B									37,88	SUMM RPT
RAD MONITOR-	N CONTRO	1063	RM-23	305.	-20	75		0.40	0.65									212	E255-1123
SOUNH	LLER(DIR							V	V										
RAD.MONITORING	CONTROL	RC*1FL 35	GENERAL	AB52	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	08B SB	ATOMIC	RMC-1	<	100		S/S	S/S						5			10,60	SIMILARTY
RE0026		02277	GENERAL		N-29	IEEE		0.29	0.48									191	SEE A
FHB EMERG EXH	RADIATIO	E-255-	ATOMIC		59-N29	344-		F/B	F/B									37,88	SUMM RPT
RAD MONITOR-	N CONTRO	1063	RM-23	305.	-20	75		0.40	0.65									212	E255-1123
NORNH	LLER(DIR							V	V										
RAD.MONITORING	CONTROL	RC*1FR 35	GENERAL	AB52	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	64A SA	ATOMIC	RMC-1	<	100		S/S	S/S						5			10,60	SIMILARTY
RE0026		02282	GENERAL		N-29	IEEE		0.29	0.48									191	SEE A
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		59-N29	344-		F/B	F/B									37,88	SUMM RPT
L (SOUTH) A	N CONTRO	1063	RM-23	305.	-20	75		0.40	0.65									212	E255-1123
REANRAD MON	LLER(DIR							V	V										
RAD.MONITORING	CONTROL	RC*1FR 35	GENERAL	AB52	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	64B SB	ATOMIC	RMC-1	<	100		S/S	S/S						5			10,60	SIMILARTY
RE0026		02279	GENERAL		N-29	IEEE		0.29	0.48									191	SEE A
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		59-N29	344-		F/B	F/B									37,88	SUMM RPT
L (SOUTH) A	N CONTRO	1063	RM-23	305.	-20	75		0.40	0.65									212	E255-1123
REANRAD MON	LLER(DIR							V	V										
RAD.MONITORING	CONTROL	RC*1FR 35	GENERAL	AB52	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	65A SA	ATOMIC	RMC-1	<	100		S/S	S/S						5			10,60	SIMILARTY
RE0026		02283	GENERAL		N-29	IEEE		0.29	0.48									191	SEE A
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		59-N29	344-		F/B	F/B									37,88	SUMM RPT
L (SOUTH) A	N CONTRO	1063	RM-23	305.	-20	75		0.40	0.65									212	E255-1123
REANRAD MON	LLER(DIR							V	V										
RAD.MONITORING	CONTROL	RC*1FR 35	GENERAL	AB52	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	65B SB	ATOMIC	RMC-1	<	100		S/S	S/S						5			10,60	SIMILARTY
RE0026		02286	GENERAL		N-29	IEEE		0.29	0.48									191	SEE A
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		59-N29	344-		F/B	F/B									37,88	SUMM RPT
L (SOUTH) A	N CONTRO	1063	RM-23	305.	-20	75		0.40	0.65									212	E255-1123
REANRAD MON	LLER(DIR							V	V										

TAGS INCLUDED: RC*1FL 3508A SA----RC*1FR 3566A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
RAD.MONITORING	CONTROL	RC*1FR 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	66A SA	ATOMIC	RMC-1	<	100			S/S	S/S						5			10,60	SIMILARTY
REC026		02284	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		59-N29	344-			F/B	F/B									37,88	SUMM RPT
L (NORTH) A	N CONTRO	1063	RM-23	305.	-20	75			0.40	0.65									212	E255-1123
REANRAD MON	LLER(DIR								V	V										
RAD.MONITORING	CONTROL	RC*1FR 35	GENERAL	AB52	435220	RG 1.	A		0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	66B SB	ATOMIC	RMC-1	<	100			S/S	S/S						5			10,60	SIMILARTY
REC026		02287	GENERAL		N-29	IEEE			0.29	0.48									191	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		59-N29	344-			F/B	F/B									37,88	SUMM RPT
L (NORTH) A	N CONTRO	1063	RM-23	305.	-20	75			0.40	0.65									212	E255-1123
REA RAD MON	LLER(DIR								V	V										
RAD.MONITORING	CONTROL	RC*1FR 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RA312-	QUAL BY
	DEVICES	67A SA	ATOMIC	RMC-1	<	100			S/S	S/S						5			10,60	SIMILARTY
REC026		02285	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		59-N29	344-			F/B	F/B									37,88	SUMM RPT
L (NORTH) A	N CONTRO	1063	RM-23	305.	-20	75			0.40	0.65									212	E255-1123
REANRAD MON	LLER(DIR								V	V										
RAD.MONITORING	CONTROL	RC*1FR 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	67B SB	ATOMIC	RMC-1	<	100			S/S	S/S						5			10,60	SIMILARTY
REC026		02290	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
SPENT FUEL POO	RADIATIO	E-255-	ATOMIC		59-N29	344-			F/B	F/B									37,88	SUMM RPT
L (NORTH) A	N CONTRO	1063	RM-23	305.	-20	74			0.40	0.65									212	E255-1123
REANRAD MON	LLER(DIR								V	V										
RAD.MONITORING	CONTROL	RC21RR 35	GENERAL		435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	DEVICES	60 SA	ATOMIC	RMC-1	<	100			S/S	S/S						5			10,60	SIMILARTY
REC026		02296	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
CONTROL ROOM A	RADIATIO	E-255-	ATOMIC		59-N29	344-			F/B	F/B									37,88	SUMM RPT
REA RAD	N CONTRO	1063	RM-23		-20	75			0.48	0.65									212	E255-1123
MONNTOR	LLER(DIR								V	V										

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1053
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
RAD.MONITORING	POWER SUPPLY	24V PS	GENERAL ATOMIC	AB52 RMC-1	475220	RG1.1 00	D	B	0.35 S/S	0.56 S/S	X		NA	MF	MD	NOT AV	NOT AV	28	RA312 10,60	QUALIFIED BY SIMIL
RE0026		10675	GENERAL		N-29	IEEE			0.29	0.48									191	SEE A
POWER SUPPLY	24 VOLTS	E-255-1081	ATOMIC	305.1	50-N29-20	344-75			F/B 0.4 V	F/B 0.65 V									37,88 212	SUMM RPT E-255-1123
N																				

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
RAD.MONITORING	PRIMARY	RE 1CR 35	GENERAL	AB31	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	NA	RAB1-	QUAL GEN-
	ELEMENT	63A SA	ATOMIC	LCL	---	100			S/S	S/S									21,110	ERICALLY
RE0026		00430	TGM		N-29	IEEE			0.29	0.48									205,	SEE A
CONTAINMENT PO	RADIATIO	E-255-	DETECTORS		50-N29	344-			F/B	F/B									68,156	SUMM RPT
ST- LOCA RAD	N PRIMAR	996	0352-3601-	261.	-20	75			0.40	0.65									258	E255-1123
MONNTOR	Y ELEMEN		G2						V	V										
RAD.MONITORING	PRIMARY	RE 1CR 35	GENERAL	AB31	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB1-	QUAL GEN-
	ELEMENT	63B SB	ATOMIC	LCL	---	100			S/S	S/S									21,110	ERICALLY
RE0026		00429	TGM		N-29	IEEE			0.29	0.48									205	SEE A
CONTAINMENT PO	RADIATIO	E-255-	DETECTORS		50-N29	344-			F/B	F/B									68,156	SUMM RPT
ST- LOCA RAD	N PRIMAR	996	0352-3601-	261.	-20	75			0.40	0.65									258	E255-1123
MONNTOR	Y ELEMEN		G2						V	V										
RAD.MONITORING	PRIMARY	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	ELEMENT	65A2 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00452	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N PRIMAR	996	RD-11	292.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	PRIMARY	REM 1AV35	GENERAL	FH51	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	D-22	QUAL BY
	ELEMENT	09 SA	ATOMIC	LCL		100			S/S	S/S						5			124,	SIMILARTY
RE0026		00414	GENERAL		N-29	IEEE			0.29	0.48									220	SEE A
PLANT VENT	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-15,	SUMM RPT
STACK RAD	N MONITO	1063	0373-1101	305.	-20	75			0.40	0.65									83	E255-1123
MONITOR	R SKID								V	V									147	
RAD.MONITORING	PRIMARY	REM 1CC35	GENERAL	AB21	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB1-	QUAL BY
	ELEMENT	C1A SA	ATOMIC	FLOOR		100			S/S	S/S						5			27,116	SIMILARTY
RE0026		00395	GENERAL		N-29	IEEE			0.29	0.48									211,72	SEE GA
COMP COOLING W	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									160,	SUMM RPT
TR RAD	N MONITO	1063	0352-2801	236.	-20	75			0.40	0.65									262	E255-1123
MONITOR	R SKID								V	V										
RAD.MONITORING	PRIMARY	REM 1CC35	GENERAL	AB21	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB1-	QUAL BY
	ELEMENT	C1B SB	ATOMIC	LCL	????	100			S/S	S/S						5			27,116	SIMILARTY
RE0026		00396	GENERAL		N-29	IEEE			0.29	0.48									211,72	SEE GA
COMP COOLING W	RADIATIO	E-255-	ATOMIC		??????	344-			F/B	F/B									160,	SUMM RPT
TR RAD	N MONITO	1063	0352-2801	236.	??????	75			0.40	0.65									262	E255-1123
MONITOR	R SKID				??????				V	V										

TAGS INCLUDED: RE 1CR 3563A SA----REM 1LT3502A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
RAD.MONITORING	PRIMARY	REM 1LT35	GENERAL	AB21	435220	RG 1.	A	D	0.35	0.56	X		N	MF	MD	10.	13	28	RAB1-	QUAL BY
	ELEMENT	C2A SA	ATOMIC	FLOOR		100			S/S	S/S						5			27,116	SIMILARTY
RE0026		00397	GENERAL AT		N-29	IEEE			0.29	0.48									211,72	SEE A
CONTAINMENT LE	RADIATIO	E-255-	OMIC		50-N29	344-			F/B	F/B									160,	SUMM RPT
AK DET SYS R	N MONITO	1063	0352-1201	236.	-29	1975			0.40	0.65									262	E255-1123
AD MONITOR	R SKID								V	V										
RAD.MONITORING	PRIMARY	REM*1FL35	GENERAL	FH31	435220	RG 1.	A		0.35	0.56	X		NA	MF	MD	10.	13	28	D-34,	QUAL BY
	ELEMENT	G8A SA	ATOMIC	FLOOR		100			S/S	S/S						5			136,	SIMILARTY
RE0026		00410	GENERAL		N-29	IEEE			0.29	0.48									268,	SEE GA
FHB EMERG EXH	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-23,	SUMM RPT
RAD	N MONITO	1C63	0373-1101	261.	-29	75			0.40	0.65									91	E255-1123
MONITOR-SOUTH	R SKID								V	V									179	
RAD.MONITORING	PRIMARY	REM*1FL35	GENERAL	FH31	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	D-34	QUAL BY
	ELEMENT	G8B SB	ATOMIC	FLOOR		100			S/S	S/S						5			136,	SIMILARTY
RE0026		00411	GENERAL		N-29	IEEE			0.29	0.48									268,	SEE A
FHB EMERG.EXH.	RADIATIO	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-23	SUMM RPT
RAD	N MONITO	1C63	0373-1101	261.	-29	75			0.40	0.65									91	E255-1123
MONNTOR-NORTH	R SKID								V	V									179	
RAD.MONITORING	PRIMARY	RM 1CR 35	GENERAL	AB31	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB1-	QUAL GEN-
	ELEMENT	61A SA	ATOMIC	WALL		100			S/S	S/S									21,110	ERICALLY
RE0026		00425	GENERAL		N-29	IEEE			0.29	0.48									205	SEE A
CONTAINMENT IS	MICRO-	E-255-	ATOMIC		50-N29	344-			F/B	F/B									68,156	SUMM RPT
OL SYS AREA	PROCESSO	996	RM-80	265.	-29	75			0.40	0.65									258	E255-1123
RADNMONITOR	R								V	V										
RAD.MONITORING	PRIMARY	RM 1CR 35	GENERAL	AB31	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB1-	QUAL GEN-
	ELEMENT	61B SB	ATOMIC	WALL		100			S/S	S/S									21,110	ERICALLY
RE0026		00428	GENERAL		N-29	IEEE			0.29	0.48									205	SEE A
CONTAINMENT IS	MICRO-	E-255-	ATOMIC		50-N29	344-			F/B	F/B									68,156	SUMM RPT
OL SYS AREA	PROCESSO	996	RM-80	265.	-29	75			0.40	0.65									258	E255-1123
RADNMONITOR	R								V	V										
RAD.MONITORING	PRIMARY	RM 1CR 35	GENERAL	AB31	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB1-	QUAL GEN-
	ELEMENT	61C SA	ATOMIC	WALL		100			S/S	S/S									21,110	ERICALLY
RE0026		00426	GENERAL		N-29	IEEE			0.29	0.48									205	SEE A
CONTAINMENT IS	MICRO-	E-255-	ATOMIC		50-N29	344-			F/B	F/B									68,156	SUMM RPT
OL SYS AREA	PROCESSO	996	RM-80	265.	-29	75			0.40	0.65									258	E255-1123
RADNMONITOR	R								V	V										

TAGS INCLUDED: REM 1LT3502A SA----RM 1CR 3561D SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
RAD.MONITORING	PRIMARY	RM 1CR 35	GENERAL	AB31	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB1-	QUAL GEN-
	ELEMENT	61D SB	ATOMIC	WALL		100		S/S	S/S									21,110	ERICALLY
RE0026		00427	GENERAL		N-29	IEEE		0.29	0.48									205	SEE A
CONTAINMENT IS	MICRO-	E-255-	ATOMIC		50-N29	344-		F/B	F/B									68,156	SUMM RPT
OL SYS AREA	PROCESSO	996	RM-80	265.	-20	75		0.40	0.65									258	E255-1123
RADNMONITOR	R							V	V										
RAD.MONITORING	PRIMARY	RM 1CR 35	GENERAL	AB31	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB-1	QUAL GEN-
	ELEMENT	63A SA	ATOMIC	LCL	---	100		S/S	S/S									21,110	ERICALLY
RE0026		00431	GENERAL		N-29	IEEE		0.29	0.48									205	SEE A
CONTAINMENT PO	MICRO-	E-255-	ATOMIC		50-N29	344-		F/B	F/B									68,156	SUMM RPT
ST- LOCA	PROCESSO	996	0352-3601-	265.	-20	75		0.40	0.65									258	E255-1123
RADNMONITOR	R		02					V	V										
RAD.MONITORING	PRIMARY	RM 1CR 35	GENERAL	AB31	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB-1	QUAL GEN-
	ELEMENT	63B SB	ATOMIC	LCL	---	100		S/S	S/S									21,110	ERICALLY
RE0026		00432	GENERAL		N-29	IEEE		0.29	0.48									205	SEE A
CONTAINMENT PO	MICRO	E-255-	ATOMIC		50-N29	344-		F/B	F/B									68,156	SUMM RPT
ST- LOCA	PROCESSO	996	0352-3601-	265.	-20	75		0.40	0.65									258	E255-1123
RADNMONITOR	R		02					V	V										
RAD.MONITORING	PRIMARY	RM 1CR 35	GENERAL	????	435220	RG 1.	B D			X		NA	MF	MD				RAB12-	QUALIFICA
	ELEMENT	89 SA	ATOMIC	WALL		100												16,67	TION RPT
RE0026		02490	GENERAL		N-29	IEEE												117	STIL IN
IN-CONTMT HIGH	MICRO-	E-255-	ATOMIC		50-N29	344-												41,92	REVIEW
RANGE POST ACC	PROCESSO	1061	RM-80	305.	-20	75												160	
IDENT MONITOR	R																		
RAD.MONITORING	PRIMARY	RM 1CR 35	GENERAL	????	435220	RG 1.	B D			X		NA	MF	MD				RAB12-	QUALIFICA
	ELEMENT	89 SA	ATOMIC	WALL		100												16,67	TION RPT
RE0026		02490	GENERAL		N-29	IEEE												117	STIL IN
IN-CONTMT HIGH	MICRO-	E-255-	ATOMIC		50-N29	344-												41,92	REVIEW
RANGE POST ACC	PROCESSO	1061	RM-80	285.	-20	75												160	
IDENT MONITOR	R																		
RAD.MONITORING	PRIMARY	RM 1CR 35	GENERAL	????	435220	RG 1.	B			X		NA	MF	MD				RAB12-	QUALIFICA
	ELEMENT	90 SB	ATOMIC	WALL		100												16,67	TION RPT
RE0026		02492	GENERAL		N-29	IEEE												117	STILL INT
IN-CONTMT HIGH	MICRO-	E-255-	ATOMIC		50-N29	344-												41,92	REVIEW
RANGE POST ACC	PROCESSO	1061	RM-80	285.	-20	75												160	
IDENT MONITOR	R																		

TAGS INCLUDED: RM 1CR 3561D SB----RM 1CZ 3504A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
RAD.MONITORING	PRIMARY	RM 1CZ 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB12-	QUAL GEN-
	ELEMENT	C4A SA	ATOMIC	LCL	---	100			S/S	S/S									10,60	ERICALLY
RE0026		0C4C0	GENERAL		N-29	IEEE			0.29	0.48									111	SEE A
CNTL RM NORM O	MICRO-	E-255-996	ATOMIC		50-N29	344-			F/B	F/B									37,88	SUMM RPT
UTSDEAIR INTAK	PROCESSO		0352-3801	309.	-20	75			0.40	0.65									156	E255-1123
E RND MONITOR	R								V	V										
RAD.MONITORING	PRIMARY	RM 1CZ 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB12-	QUAL GEN-
	ELEMENT	C4B SB	ATOMIC	LCL	---	100			S/S	S/S									10,60	ERICALLY
RE0026		00401	GENERAL		N-29	IEEE			0.29	0.48									111	SEE A
CNTL RM NORM O	MICRO-	E-255-996	ATOMIC		50-N29	344-			F/B	F/B									37,88	SUMM RPT
UTSDEAIR INTAK	PROCESSO		0352-3801	309.	-20	75			0.40	0.65									156	E255-1123
E RND MONITOR	R								V	V										
RAD.MONITORING	PRIMARY	RM 1CZ 35	GENERAL	AB43	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB1-	QUAL GEN-
	ELEMENT	05A1 SA	ATOMIC	LCL	---	100			S/S	S/S									15,104	ERICALLY
RE0026		00407	GENERAL		N-29	IEEE			0.29	0.48									199	SEE A
CNTL RM EMER O	MICRO-	E-255-996	ATOMIC		50-N29	344-			F/B	F/B									64,152	SUMM RPT
UTSDEAIR INTAK	PROCESSO		0352-3801	290.	-20	75			0.40	0.65									254	E255-1123
E RND MONITOR	R								V	V										
RAD.MONITORING	PRIMARY	RM 1CZ 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB12-	QUAL GEN-
	ELEMENT	05A2 SA	ATOMIC	LCL	---	100			S/S	S/S									10,60	ERICALLY
RE0026		00406	GENERAL		N-29	IEEE			0.29	0.48									111	SEE A
CNTL RM EMER O	MICRO-	E-255-996	ATOMIC		50-N29	344-			F/B	F/B									37,88	SUMM RPT
UTSDEAIR INTAK	PROCESSO		0352-3801	309.	-20	75			0.40	0.65									156	E255-1123
E RND MONITOR	R								V	V										
RAD.MONITORING	PRIMARY	RM 1CZ 35	GENERAL	AB43	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB1-	QUAL GEN-
	ELEMENT	05B1 SB	ATOMIC	LCL	---	100			S/S	S/S									15,104	ERICALLY
RE0026		00405	GENERAL		N-29	IEEE			0.29	0.48									199	SEE A
CNTL RM EMER O	MICRO-	E-255-996	ATOMIC		50-N29	344-			F/B	F/B									64,152	SUMM RPT
UTSDEAIR INTAK	PROCESSO		0352-3801	290.	-20	75			0.40	0.65									254	E255-1123
E RND MONITOR	R								V	V										
RAD.MONITORING	PRIMARY	RM 1CZ 35	GENERAL	AB52	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB12-	QUAL GEN-
	ELEMENT	05B2 SB	ATOMIC	LCL	---	100			S/S	S/S									10,60	ERICALLY
RE0026		00404	GENERAL		N-29	IEEE			0.29	0.48									111	SEE A
CNTL RM EMER O	MICRO-	E-255-996	ATOMIC		50-N29	344-			F/B	F/B									37,88	SUMM RPT
UTSDEAIR INTAK	PROCESSO		0352-3801	309.	-20	75			0.40	0.65									156	E255-1123
E RND MONITOR	R								V	V										

TAGS INCLUDED: RM 1CZ 3504A SA----RM 1MS 3592 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
RAD.MONITORING	PRIMARY	RM 1MS	GENERAL	????	435220	IEEE	B	D			X		NA	MF	MD				RA812-	QUALIFICA
	ELEMENT	3592 SB	ATOMIC	WALL		344-													16,67	TION RPT
RE0026		10660	GENERAL		N-29	75													117	STIL IN
MAIN STEAM LIN	MICRO-	0360-9606	ATOMIC		50-N29														41,92	REVIEW
E POST ACCIDNT	PROCESSO		RM-80	286.	-20														160	
MONNTOR	R																			
RAD.MONITORING	PRIMARY	RM 1MS 35	GENERAL	????	435220	RG 1.	B	D			X		NA	MF	MD				RA812-	QUALIFICA
	ELEMENT	91 SB	ATOMIC	LCL	---	100													16,67	TION RPT
RE0026		02494	GENERAL		N-29	IEEE													117	STIL IN
MAIN STEAM LIN	MICRO-	0360-9606	ATOMIC		50-N29	344-													41,92	REVIEW
E POST ACCI	PROCESSO		RM-80	286.	-20	75													160	
DENN MONITOR	R																			
RAD.MONITORING	PRIMARY	RM 1MS 35	GENERAL	????	435220	RG 1.	B	D			X		NA	MF	MD				RA812-	QUALIFICA
	ELEMENT	93 SB	ATOMIC	LCL	---	100													16,67	TION RPT
RE0026		02498	GENERAL		N-29	IEEE													117	STIL IN
MAIN STEAM LIN	MICRO-	0360-9606	ATOMIC		50-N29	344-													41,92	REVIEW
POST ACCI	PROCESSO		RM-80	286.	-20	75													160	
DENT MONITOR	R																			
RAD.MONITORING	PRIMARY	RM*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	ELEMENT	64A SA	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
RE0026		00444	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	MICRO-	E-255-	ATOMIC		50-N29	344-			F/B	F/B									D-19	SUMM RPT
L (SOUTH) A	PROCESSO	996	RM-80	290.	-20	75			0.40	0.65									87	E255-1123
REANRAD. MON	R								V	V									151	
RAD.MONITORING	PRIMARY	RM*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	ELEMENT	64B SB	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
RE0026		00445	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	MICRO-	E-255-	ATOMIC		50-N29	344-			F/B	F/B									D-19	SUMM RPT
L (SOUTH) A	PROCESSO	996	RM-80	290.	-20	75			0.40	0.65									87	E255-1123
REANRAD MON	R								V	V									151	
RAD.MONITORING	PRIMARY	RM*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	ELEMENT	65A SA	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
RE0026		00457	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	MICRO-	E-255-	ATOMIC		50-N29	344-			F/B	F/B									D-19	SUMM RPT
L (SOUTH) A	PROCESSO	996	RM-80	290.	-20	75			0.40	0.65									87	E255-1123
REANRAD MON	R								V	V									151	

TAGS INCLUDED: RM 1MS 3592 S----RM*1FR 35658 SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
RAD.MONITORING	PRIMARY	RM*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	ELEMENT	65B SB	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
RE0026		00456	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	MICRO-	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	PROCESSO	996	RM-80	290.	-20	75			0.40	0.65									87	E255-1123
REAN RAD MON	R								V	V									151	
RAD.MONITORING	PRIMARY	RM*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	ELEMENT	66A SA	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
RE0026		00469	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	MICRO-	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	PROCESSO	996	RM-8L	290.	-20	75			0.40	0.65									87	E255-1123
REANRAD MON	R								V	V									151	
RAD.MONITORING	PRIMARY	PM*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	ELEMENT	66B SB	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
RE0026		00468	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	MICRO-	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	PROCESSO	996	RM-80	290.	-20	75			0.40	0.65									87	E255-1123
REANRAD MON	R								V	V									151	
RAD.MONITORING	PRIMARY	RM*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	ELEMENT	67A SA	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
RE0026		00480	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	MICRO-	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	PROCESSO	996	RM-80	290.	-20	75			0.40	0.65									87	E255-1123
REANRAD MON	R								V	V									151	
RAD.MONITORING	PRIMARY	RM*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
	ELEMENT	67B SB	ATOMIC	WALL		100			S/S	S/S									130	ERICALLY
RE0026		00481	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	MICRO-	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	PROCESSO	996	RM-80	290.	-20	75			0.40	0.65									87	E255-1123
REANRAD MON	R								V	V									151	
RAD.MONITORING	PRIMARY	RM21RR 35	GENERAL	ABS?	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	RAB12-	QUAL GEN-
	ELEMENT	6C SA	ATOMIC	LCL	---	100			S/S	S/S									10,60	ERICALLY
RE0026		00416	GENERAL		N-29	IEEE			0.29	0.48									111	SEE A
CONTROL ROOM A	MICRO-	E-255-996	ATOMIC		50-N29	344-			F/B	F/B									37,88	SUMM RPT
REA RAD	PROCESSO		0352-3601-	300.	-20	75			0.40	0.65									156	E255-1123
MONNTOR	R		02						V	V										

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITN	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I												
RAD.MONITORING	RECORDER	RR 1AV 35	GENERAL	AB52	435220	RG 1.	A	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	09 SA	ATOMIC	RMC-1		100		S/S	S/S						E	E	E	10,60	GA SUMM
REC026		02309	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT E255-
PLANT VENT	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
STACK 1	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
RAD MONITOR	ER OR PR		100					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR 1CC 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	01A SA	ATOMIC	RMC-1	---	100		S/S	S/S						E	E	E	10,60	GA SUMM
REC026		02315	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
COMP COOLING W	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
TR RAD	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
MONNTOR	ER OR PR		100					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR 1CC 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	QUAL BY
	S	01B SB	ATOMIC	RMC-1		100		S/S	S/S						E	E	E	10,60	SIMILARTY
REC026		02308	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	SEE A
COMP COOLING W	MULTIVAR	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	SUMM RPT
TR RAD	IABLE PE		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	E255-1123
MONNTOR	CORDER O		100					V	V										
RAD.MONITORING	RECORDER	RR 1CC 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	QUAL BY
	S	0582 SB	ATOMIC	RMC-1		100		S/S	S/S						E	E	E	10,60	SIMILARTY
REC026		02319	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	SEE A
CNTL RM EMER	RADIATIO	E 50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	SUMM RPT
OUTSIDE AIR	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	E255-1123
INTN MONITOR	ER OR PR		100					V	V										
RAD.MONITORING	RECORDER	RR 1CR 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	61A SA	ATOMIC	RMC-1		100		S/S	S/S						E	E	E	10,60	GA SUMM
REC026		02313	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
CONTAINMENT IS	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
OL SYS AREA	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
RADNMONITOR	ER OR PR		100					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR 1CR 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	61B SB	ATOMIC	RMC-1		100		S/S	S/S						E	E	E	10,60	GA SUMM
REC026		02314	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
CONTAINMENT IS	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
OL SYS AREA	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
RADNMONITOR	ER OR PR		100					V	V										(2/10/84)

TAGS INCLUDED: RR 1AV 3509 SA----RR 1CR 3563A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
RAD.MONITORING	RECORDER	RR 1CR 35	GENERAL	AB52	435220	RG 1.	A	D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	63A SA	ATOMIC	RMC-1		100			S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02316	LEEDS &		N-29	IEEE			1.40	1.50						OBS	OBS	OBS	191	RPT 255-
CONTAINMENT PO	RADIATIO	E-50480	NORTHRUP		50-N29	344-			F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
ST LOCA RAD	N RECORD		SPEEDOMAX	305.	-20	75			1.2	1.9						ED	ED	ED	212	#2260-132
MONNTOR	ER OR PR		100						V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR 1CR 35	GENERAL		435220	RG 1.	A	D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	63B SB	ATOMIC	RMC-1	---	100			S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02311	LEEDS &		N-29	IEEE			1.40	1.50						OBS	OBS	OBS	191	RPT 255-
CONTAINMENT PO	PADIATIO	E-50480	NORTHRUP		50-N29	344-			F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
ST LOCA RAD	N RECORD		0352-3601-		-20	75			1.2	1.9						ED	ED	ED	212	#2260-132
MONNTOR	ER OR PR		02 L&N						V	V										(2/10/84)
RAD.MONITORING	PECORDER	RR 1CR 35	GENERAL		435220	RG1.1	B	D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12	SUBV QUAL
	S	89 SA	ATOMIC	RMC-1		00			S/S	S/S						E	E	E	10,60	PER GA
RE0026		10669	LEEDS &		N-29	IEEE			1.40	1.50						OBS	OBS	OBS	191	SUMM RPT
IN-CONTMT HIGH	RADIATIO	E50480	NORTHROP		50-N29	344-			F/B	F/B						ERV	ERV	ERV	37,88	E255-1123
RANGE POST ACC	RECORDER		SPEEDOMAX		-20	75			1.2	1.9						ED	ED	ED	212	& LETR #
IDENT MONITOR									V	V										2260-132
RAD.MONITORING	RECORDER	RR 1CR 35	GENERAL		435220	RG1.1	B	D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12	SUBV QUAL
	S	90 SB	ATOMIC	RMC-1		00			S/S	A/A						E	E	E	10,60	PER GA
RE0026		10672	LEEDS &		N-29	IEEE			1.40	1.50						OBS	OBS	OBS	191	SUMM RPT
IN-CONTMT HIGH	RADIATIN	E50480	NORTHROP		50-N29	344-			F/B	F/B						ERV	ERV	ERV	37,88	E255-1123
RANGE POST ACC	RECORDER		SPEEDOMAX		-20	75			1.2	1.9						ED	ED	ED	212	& LETR #
IDENT MONITOR			100						V	V										2260-132
RAD.MONITORING	RECORDER	RR 1CZ 35	GENERAL		435220	RG 1.	A	D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	QUAL BY
	S	04A SA	ATOMIC	RMC-1	---	100			S/S	S/S						E	E	E	10,60	SIMILARTY
RE0026		02323	LEEDS &		N-29	IEEE			1.40	1.50						OBS	OBS	OBS	191	SEE GA
CNTL RM NORM	RADIATIO	E-50480	NORTHRUP		50-N29	344-			F/B	F/B						ERV	ERV	ERV	37,88	SUMM RPT
OUTSIDE	N RECORD		0352-3801		-20	75			1.2	1.9						ED	ED	ED	212	E255-1123
AIR INTAKE	ER OR PR		L&N						V	V										
RAD.MONITORING	RECORDER	RR 1CZ 35	GENERAL		435220	RG 1.	A	D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	04B SB	ATOMIC	RMC-1	---	100			S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02321	LEEDS &		N-29	IEEE			1.40	1.50						OBS	OBS	OBS	191	RPT 255-
CNTL RM NORM	RADIATIO	E-50480	NORTHRUP		50-N29	344-			F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
OUTSIDE A	N RECORD		0352-3801		-20	75			1.2	1.9						ED	ED	ED	212	#2260-132
IR NNTAKE MON	ER OR PR		L&N						V	V										(2/10/84)

TAGS INCLUDED: RR 1CR 3563A SA----RR 1CZ 3505A1 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
RAD.MONITORING	RECORDER	RR 1CZ 35	GENERAL		435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RA812-	SUBVDR QL
	S	C5A1 SA	ATOMIC	RMC-1	---	100		S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02324	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
CNTL RM EMER	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
OUTSIDE	N RECORD		0352-3801		-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
AR NNTAKE	ER OR PR		L&N					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR 1CZ 35	GENERAL		435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RA812-	SUBVDR QL
	S	U5A2 SA	ATOMIC	RMC-1	---	100		S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02317	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
CNTL RM EMER	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
OUTSIDE	N RECORD		0352-3801		-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
AIRNINTAKE	ER OR PR		3 PEN					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR 1CZ 35	GENERAL		435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RA812-	SUBVDR QL
	S	U581 SB	ATOMIC	RMC-1	---	100		S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02322	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
CNTL RM EMER	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
OUTSIDE A	N RECORD		0352-3801		-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
IR NNTAKE	ER OR PR		L&N					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR 1FL 35	GENERAL	AB52	435220	RG 1.	A	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RA812-	SUBVDR QL
	S	G8A SA	ATOMIC	RMC-1		100		S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02310	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT E255-
FHB	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
RAD EMERG EXH	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
MONITOR-SOUTH	ER OR PR		100					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR 1LT 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RA812-	SUBVDR QL
	S	G2A SA	ATOMIC	RMC-1	<	100		S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02318	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
CONTAINMENT LE	RADIATIO	E-50480	NORTHROP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
AK DET SYS R	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
AD NONITOR	ER OR PR		100					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR*1FL 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RA812-	SUBVDR QL
	S	G8B SB	ATOMIC	RMC-1		100		S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02312	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
FHB	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
EMER EXH MONIT	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
OR-NORTH	ER OR PR		100					V	V										(2/10/84)

TAGS INCLUDED: RR 1CZ 3505A1 S----RR*1FR 3564A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
RAD.MONITORING	RECORDER	RR*1FR 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	64A SA	ATOMIC	RMC-1	<	100		S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02325	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
SPENT FUEL POO	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
L (SOUTH) A	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
REANRAD MON	ER OR PR		100					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR*1FR 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	64B SB	ATOMIC	RMC-1	<	100		S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02329	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
SPENT FUEL POO	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
L (SOUTH) A	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
REAN	ER OR PR		100					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR*1FR 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	65A SA	ATOMIC	RMC-1	<	100		S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02326	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
SPENT FUEL POO	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
L (SOUTH) A	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
REAN	ER OR PR		100					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR*1FR 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	65B SB	ATOMIC	RMC-1	<	100		S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02330	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
SPENT FUEL POO	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
L (SOUTH) A	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
REAN	ER OR PR		100					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR*1FR 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	66A SA	ATOMIC	RMC-1	<	100		S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02331	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
SPENT FUEL POO	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
L (NORTH) A	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
REAN	ER OR PR		100					V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR*1FR 35	GENERAL	AB52	435220	RG 1.	A D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	66B SB	ATOMIC	RMC-1	<	100		S/S	S/S						E	E	E	10,60	GA SUMM
RE0026		02327	LEEDS &		N-29	IEEE		1.40	1.50						OBS	OBS	OBS	191	RPT 255-
SPENT FUEL POO	RADIATIO	E-50480	NORTHRUP		50-N29	344-		F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
L (NORTH) A	N RECORD		SPEEDOMAX	305.	-20	75		1.2	1.9						ED	ED	ED	212	#2260-132
REAN	ER OR PR		100					V	V										(2/10/84)

TAGS INCLUDED: RR*1FR 3564A SA----RR*1FR 3567A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	FLOOR RESP. SPECTR	
			MODEL NO	ELEV	SQRT #		Q	I												
RAD.MONITORING	RECORDER	RR*1FR 35	GENERAL	AB52	435220	RG 1.	A	D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	67A SA	ATOMIC	RMC-1	<	100			S/S	S/S						E	E	E	10,60	GA SUMM
REC026		02332	LEEDS &		N-29	IEEE			1.40	1.50						OBS	OBS	OBS	191	RPT 255-
SPENT FUEL POO	RADIATIO	E-50480	NORTHRUP		50-N29	344-			F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
L (NORTH) A	N RECORD		SPEEDOMAX	305.	-20	75			1.2	1.9						ED	ED	ED	212	#2260-132
REANRAD MON	ER OR PR		100						V	V										(2/10/84)
RAD.MONITORING	RECORDER	RR*1FR 35	GENERAL	AB52	435220	RG 1.	A	D	1.70	2.0	X		NA	MF	MD	NON	NON	NON	RAB12-	SUBVDR QL
	S	67B SE	ATOMIC	RMC-1	<	100			S/S	S/S						E	E	E	10,60	GA SUMM
REC026		02328	LEEDS &		N-29	IEEE			1.40	1.50						OBS	OBS	OBS	191	RPT 255-
SPENT FUEL POO	RADIATIO	E-50480	NORTHRUP		50-N29	344-			F/B	F/B						ERV	ERV	ERV	37,88	1123 &LTR
L (NORTH) A	N RECORD		SPEEDOMAX	305.	-20	75			1.2	1.9						ED	ED	ED	212	#2260-132
REAN	ER OR PR		100						V	V										(2/10/84)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
RAD.MONITORING CR0026 CNMT ISOL SYS RAD MON INPUT S TN SSP	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1CR79 3-CR1 10996 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-19ASA 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	D	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
RAD.MONITORING CR0026 CNMT ISOL SYS RAD MON INPUT S TN SSP	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1CR79 3-CR10 11101 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-19859 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
RAD.MONITORING CR0026 CNMT ISOL SYS RAD MON INPUT S TN SSP	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1CR79 3-CR2 10997 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-19ASA 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	D	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
RAD.MONITORING CR0026 CNMT ISOL SYS RAD MON INPUT S TN SSP	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1CR79 3-CR3 10998 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-19ASA 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	D	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
RAD.MONITORING CR0026 CNMT ISOL SYS RAD MON INPUT S TN SSP	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1CR79 3-CR4 10999 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-19ASA 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	D	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
RAD.MONITORING CR0026 CNMT ISOL SYS RAD MON INPUT S TN SSP	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1CR79 3-CR7 11098 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-19959 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	D	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	

TAGS INCLUDED: RLY 1CR793-CR1 ----RLY 1CR793-CR8
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1066
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
RAD.MONITORING CR0026 CNMT ISOL SYS RAD MON INPUT S TN SSP	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1CR79 3-CR8 11099 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-198SB 305.	435244 IN13 IN13-20	IEEE-323-'74 344-'75	A	D	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
RAD.MONITORING CR0026 CNMT ISOL SYS RAD MON INPUT S TN SSP	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1CR79 3-CR9 11100 1 DE 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-198SB 305.	435244 IN13 IN13-20	IEEE-323-'74 344-'75	A	D	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
RAD.MONITORING	SENSORS	RE 1CR 35	GENERAL	CB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RCB-	QUAL BY
		61A SA	ATOMIC	WALL	<	100			S/S	S/S						5			28,118	SIMILARTY
RE0026		00423	REUTER		N-29	IEEE			0.29	0.48									310,	SEE A
CONTAINMENT IS	RADIATIO	E-255-	STOKES		50-N29	344-			F/B	F/B									199,	SUMM RPT
OL SYS AREA	N PRIMAR	1063	RD-8	289.	-20	75			0.40	0.65									259	E255-1123
RADNMONITOR	Y ELEMEN								V	V									408	
RAD.MONITORING	SENSORS	RE 1CR 35	GENERAL	CB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RCB-	QUAL BY
		61B SB	ATOMIC	WALL		100			S/S	S/S						5			28,118	SIMILARTY
RE0026		00421	REUTER		N-29	IEEE			0.29	0.48									310,	SEE A
CONTAINMENT IS	RADIATIO	E-255-	STOKES		50-N29	344-			F/B	F/B									199,	SUMM RPT
OL SYS AREA	N PRIMAR	1063	RD-8	289.	-20	75			0.40	0.65									259	E255-1123
RADNMONITOR	Y ELEMEN								V	V									408	
RAD.MONITORING	SENSORS	RE 1CR 35	GENERAL	CB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RCB-	QUAL BY
		61C SA	ATOMIC	WALL		100			S/S	S/S						5			28,118	SIMILARTY
RE0026		00422	REUTER		N-29	IEEE			0.29	0.48									310,	SEE A
CONTAINMENT IS	RADIATIO	E-255-	STOKES		50-N29	344-			F/B	F/B									199,	SUMM RPT
OL SYS AREA	N PRIMAR	1063	RD-8	289.	-20	75			0.40	0.65									259	E255-1123
RADNMONITOR	Y ELEMEN								V	V									408	
RAD.MONITORING	SENSORS	RE 1CR 35	GENERAL	CB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RCB-	QUAL BY
		61D SB	ATOMIC	WALL		100			S/S	S/S						5			28,118	SIMILARTY
RE0026		00424	REUTER		N-29	IEEE			0.29	0.48									310,	SEE A
CONTAINMENT IS	RADIATIO	E-255-	STOKES		50-N29	344-			F/B	F/B									199,	SUMM RPT
OL SYS AREA	N PRIMAR	1063	RD-8	289.	-20	75			0.40	0.65									259	E255-1123
RADNMONITOR	Y ELEMEN								V	V									408	
RAD.MONITORING	SENSORS	RE 1CR 35	GENERAL	CB41	435220	RG.1	B				X								RCB-	QUALIFICA
		90 SB	ATOMIC	CONT.	<	100													22,112	TION RPT
RE0026		02491	GENERAL AT	LINER	N-29	IEEE													304	STILL IN
IN-CONTMT HIGH	RADIATIO	E-255-	OMIC		50-N29	344-													195	REVIEW
RANGE POST ACC	N PRIMAR	1061	RD-23	351.	-20	75													255	
IDENT MONITOR	Y ELEMEN																		404	
RAD.MONITORING	SENSORS	RE 1CZ 35	GENERAL	AB52	435220	RG 1.	B	D			X		NA							
		04A SA	ATOMIC	DUCT	<	100														
RE0026		00399	GENERAL	MTD	N-29	IEEE														
CNTL RM NORM O	RADIATIO	E-255-	ATOMIC		50-N29	344-														
UTSDEAIR INTAK	N PRIMAR	1063	0352-3801	339.	-20	75														
E RND MONITOR	Y ELEMEN																			

TAGS INCLUDED: RE 1CR 3561A SA----RE 1CZ 35043 SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
RAD.MONITORING	SENSORS	RE 1CZ 35	GENERAL	AB52	435220	RG 1.	B	D			X		NA							
		04B SB	ATOMIC	DUCT	<	100														
RE0026		00872	GENERAL	MTD	N-29	IEEE														
CNTL RM NORM O	RADIATIO	E-255-	ATOMIC		50-N29	344-														
UTSDEAIR INTAK	N PRIMAR	1063	0352-3801	309.	-20	75														
E RND MONITOR	Y ELEMEN																			
RAD.MONITORING	SENSORS	RE 1CZ 35	GENERAL	AB43	435220	RG 1.	B	D			X		NA							
		C5A1 SA	ATOMIC	DUCT	<	100														
RE0026		00876	GENERAL	MTD	N-29	IEEE														
CNTL RM EMER O	RADIATIO	E-255-	ATOMIC		50-N29	344-														
UTSDEAIR INTAK	N PRIMAR	1063	0352-3801	297.	-20	75														
E 1N RAD MON	Y ELEMEN																			
RAD.MONITORING	SENSORS	RE 1CZ 35	GENERAL	AB52	435220	RG 1.	B	D			X		NA							
		C5A2 SA	ATOMIC	DUCT	<	100														
RE0026		00877	GENERAL	MTD	N-29	IEEE														
CNTL RM EMER O	RADIATIO	E-255-	ATOMIC		50-N29	344-														
UTSDEAIR INTAK	N PRIMAR	1063	RD-25	309.	-20	75														
E 1N RAD MON	Y ELEMEN																			
RAD.MONITORING	SENSORS	RE 1CZ 35	GENERAL	AB43	435220	RG 1.	B	D			X		NA							
		C581 SB	ATOMIC	DUCT	<	100														
RE0026		00878	GENERAL	MTD	N-29	IEEE														
CNTL RM EMER O	RADIATIO	E-255-	ATOMIC		50-N29	344-														
UTSDEAIR INTAK	N PRIMAR	1063	0352-3801	297.	-20	75														
E 1N RAD MON	Y ELEMEN																			
RAD.MONITORING	SENSORS	RE 1CZ 35	GENERAL	AB52	435220	RG 1.	B	D			X		NA							
		0582 SB	ATOMIC	DUCT	<	100														
RE0026		00875	GENERAL	MTD	N-29	IEEE														
CNTL RM EMER O	RADIATIO	E-255-	ATOMIC		50-N29	344-														
UTSDEAIR INTAK	N PRIMAR	1063	0352-3801	309.	-20	75														
E 1N RAD MON	Y ELEMEN																			
RAD.MONITORING	SENSORS	RE 1MS 35	GENERAL	AB32	435220	RG 1.	B	D			X								RAB1	QUALIFICA
		91 SB	ATOMIC	LCL	<	100														TION RPT
RE0026		02493	TGM		N-29	IEEE														STIL IN
MAIN STEAM LIN	RADIATIO	0360-9606	DETECTORS		50-N29	344-														REVIEW
E POST ACCI	N PRIMAR		RD-12	265.	-20	75													LATER	
DENN MONITOR	Y ELEMEN																			

TAGS INCLUDED: RE 1CZ 3504B SB----RE 1MS 3592 SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		O	I												
RAD.MONITORING	SENSORS	RE 1MS 35	GENERAL	AB32	435220	RG 1.	B	D			X		NA	MF	MD				RAB1	QUALIFICA
		92 SB	ATOMIC	LCL	<	100														TION RPT
REOO26		02495	TGM		N-29	IEEE														STIL IN
MAIN STEAM LIN	RADIATIO	0360-9606	DETECTORS		50-N29	344-													LATER	REVIEW
E POST ACCI	N PRIMAR		RD-12	265.	-20	75														
DENT MONITOR	Y ELEMEN																			
RAD.MONITORING	SENSORS	RE 1MS 35	GENERAL	AB32	435220	RG 1.	B	D											RAB1	QUALIFICA
		93 SB	ATOMIC	LCL	<	100														TION RPT
REOO26		02497	TGM		N-29	IEEE														STIL IN
MAIN STEAM LIN	RADIATIO	0360-9606	DETECTORS		50-N29	344-													LATER	REVIEW
E POST ACCI	N PRIMAR		RD-12	265.	-20	75														
DENN MONITOR	Y ELEMEN																			
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		64A1 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
REOC26		00439	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTOR		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N PRIMAR	996	RD-11	292.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		64A2 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
REOO26		00440	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N PRIMAR	996	RD-11	292.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		64A3 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
REOO26		00443	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N PRIMAR	996	RD-11	292.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		64B1 SB	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
REOO26		00908	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N PRIMAR	996	RD-11	292.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	

TAGS INCLUDED: RE 1MS 3592 SB----RE*1FR 3564B2 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I					S/D							
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		6482 SB	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00442	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N PRIMAR	996	RD-11	292.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A		0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		6483 SB	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00441	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N PRIMAR	996	RD-11	292.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		65A1 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		009C9	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N PRIMAR	996	RD-11	292.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	TECTORS	FH41	N291	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		65A3 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00453	TGM		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N PRIMAR	996		286.	-20	75			0.40	0.65									87	E255-1123
REAN RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		6581 SB	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00910	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N PRIMAR	996	RD-11	292.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		6582 SB	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00454	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N PRIMAR	996	RD-11	286.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	

TAGS INCLUDED: RE*1FR 356482 S----RE*1FR 356583 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS													
			MODEL NO	ELEV	SORT #		Q I					S/D							
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		6583 SB	ATOMIC	WALL	<	100		S/S	S/S									130	ERICALLY
RE0026		00455	TGM		N-29	IEEE		0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-		F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	N PRIMAR	996	RD-11	286.	-20	75		0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN							V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		66A1 SA	ATOMIC	WALL	<	100		S/S	S/S									130	ERICALLY
RE0026		00911	TGM		N-29	IEEE		0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-		F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N PRIMAR	996	RD-11	292.	-20	75		0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN							V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		66A2 SA	ATOMIC	WALL	<	100		S/S	S/S									130	ERICALLY
RE0026		00464	TGM		N-29	IEEE		0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-		F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N PRIMAR	996	RD-11	286.	-20	75		0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN							V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		66A3 SA	ATOMIC	WALL	<	100		S/S	S/S									130	ERICALLY
RE0026		00465	TGM		N-29	IEEE		0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-		F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N PRIMAR	996	RD-11	292.	-20	75		0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN							V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		66B1 SB	ATOMIC	WALL	<	100		S/S	S/S									130	ERICALLY
RE0026		00912	TGM		N-29	IEEE		0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-		F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N PRIMAR	996	RD-11	292.	-20	75		0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN							V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		66B2 SB	ATOMIC	WALL	<	100		S/S	S/S									130	ERICALLY
RE0026		00466	TGM		N-29	IEEE		0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		50-N29	344-		F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N PRIMAR	996	RD-11	286.	-20	75		0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN							V	V									151	

TAGS INCLUDED: RE*1FR 3565B3 S----RE*1FR 356683 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- G 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		6683 SB	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00467	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		59-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N PRIMAR	996	RD-11	286.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		67A1 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00914	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		59-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N PRIMAR	996	RD-11	292.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		67A2 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00479	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		59-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N PRIMAR	996	RD-11	286.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		67A3 SA	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00478	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		59-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N PRIMAR	996	RD-11	286.	-20	75			0.40	0.65									87	E255-1123
PEA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		67B1 SB	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00913	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		59-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N PRIMAR	996	RD-11	286.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	
RAD.MONITORING	SENSORS	RE*1FR 35	GENERAL	FH41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	30	N/A	N/A	D-28	QUAL GEN-
		67B2 SB	ATOMIC	WALL	<	100			S/S	S/S									130	ERICALLY
RE0026		00476	TGM		N-29	IEEE			0.29	0.48									226	SEE GA
SPENT FUEL POO	RADIATIO	E-255-	DETECTORS		59-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	N PRIMAR	996	RD-11	290.	-20	75			0.40	0.65									87	E255-1123
REA RAD MON	Y ELEMEN								V	V									151	

TAGS INCLUDED: RE*1FR 3566B3 S----RE*1FR 3567B3 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I					S/D							
RAD.MONITORING RE0026	SENSORS	RE*1FR 35 6783 S9 00477	GENERAL ATOMIC TGM	FH41 WALL	435220 < N-29	RG 1. 100 IEEE	A	D	0.35 S/S 0.29	0.56 S/S 0.48	X		NA	MF	MD	30	N/A	N/A	0-28 130 226	QUAL GENERICALLY SEE GA
SPENT FUEL POOL (NORTH) AREA RAD MON	RADIATION PRIMARY ELEMEN	E-255-996	DETECTORS RD-11	286.	50-N29 -20	344-75			F/B 0.40 V	F/B 0.65 V									0-19 87 151	SUMM RPT E255-1123
RAD.MONITORING RE0026	SENSORS	RE-21AV 3509-1SA 10667	GENERAL ATOMIC	FH51 FLOOR	435220 < N-29	IEEE 344-75	B	D												QUALIFICATION RPT STIL IN REVIEW
PLANT STACK ACCIDENT RAD MONNTOR	RADIATION PRIMARY ELEMEN	E-255-968	GENERAL ATOMIC 0366-1001	305.	50-N29 -20															
RAD.MONITORING RE0026	SENSORS	RE21RR 35 60 SA 00415	GENERAL ATOMIC TGM	AB52 LCL	435220 < N-29	RG 1. 100 IEEE	A		0.35 S/S 0.29	0.56 S/S 0.48	X		NA	MF	MD	30	N/A	N/A	RAB12-10,60 111 37,88 156	QUAL GENERICALLY SEE GA
CONTROL ROOM AREA RAD MONITOR	RADIATION PRIMARY ELEMEN	E-255-996	DETECTORS 0352-3601-01	309.	50-N29 -20	344-75			F/B 0.40 V	F/B 0.65 V										SUMM RPT E255-1123
RAD.MONITORING RE0026	SENSORS	RM21AV 35 09-1 SA 02415	GENERAL ATOMIC GENERAL	???? WALL	435220 N-29	RG 1. 100 IEEE	B	D											RAB12. 16,67 117 41,92 160	QUALIFICATION RPT ST LL IN REVIEW
PLANT STACK ACCIDENT RAD MONITOR	MICRO-PROCESSOR	E-255-968	ATOMIC RM-80	286.	50-N29 -20	344-75														
RAD.MONITORING RE0026	SENSORS	RM21AV 35 09-1 SA 02415	GENERAL ATOMIC GENERAL	???? STACK MTD	435292 TN41	RG 1. 100 IEEE	B	D											RAB12. 16,67 117 41,92 160	QUALIFICATION RPT ST LL IN REVIEW
PLANT STACK ACCIDENT RAD MONITOR	MICRO-PROCESSOR	E-255-968	ATOMIC RM-80	286.	50-N29 -20	344-75														

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
RAD.MONITORING	SIGNAL C	E/I 1CR	GENERAL	AB41	435220	RG1.1	A					NA	MF	MD				RB12-	QUALIFICA
	ONDITION	3589 SA	ATOMIC	WALL		00												16,67	TION RPT
RE0026	ERS	10664	GENERAL		N-29	IEEE												117	STILL IN
IN-CONTMT HIGH	VOLT OR	E-255-	ATOMIC		50-N29	344-												41,92	REVIEW
RANGE POST ACC	ELEC DIR	1061	E/I J-BOX	286.	-20	75												160	
DENT MONITOR	ECT INDI																		
RAD.MONITORING	SIGNAL C	E/I 1CR35	GENERAL	AB31	435220	RG 1.	A	D	0.35	0.56	X	NA	MF	MD	10.	13	28	RAB-1	QUAL BY
	ONDITION	61A SA	ATOMIC	WALL		100			S/S	S/S					5			21,110	SIMILARTY
RE0026	ERS	02271	GENERAL		N-29	IEEE			0.29	0.48								205	SEE A
CONTAINMENT IS	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B								68,156	SUMM RPT
OL SYS AREA	ELEC DIR	1063	E/I J-BOX	265.	-20	75			0.40	0.65								258	E255-1123
RADNMON	ECT INDI								V	V									
RAD.MONITORING	SIGNAL C	E/I 1CR35	GENERAL	AB31	435220	RG 1.	A	D	0.35	0.56	X	NA	MF	MD	10.	13	28	RAB-1	QUAL BY
	ONDITION	61B SB	ATOMIC	WALL		100			S/S	S/S					5			21,110	SIMILARTY
RE0026	ERS	02273	GENERAL		N-29	IEEE			0.29	0.48								205	SEE A
CONTAINMENT IS	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B								68,156	SUMM RPT
OL SYS AREA	ELEC DIR	1063	E/I J-BOX	265.	-20	75			0.40	0.65								258	E255-1123
RADNMONITOR	ECT INDI								V	V									
RAD.MONITORING	SIGNAL C	E/I 1CR35	GENERAL	AB31	435220	RG 1.	A	D	0.35	0.56	X	NA	MF	MD	10.	13	28	RAB-1	QUAL BY
	ONDITION	61C SA	ATOMIC	WALL		100			S/S	S/S					5			21,110	SIMILARTY
RE0026	ERS	02272	GENERAL		N-29	IEEE			0.29	0.48								205	SEE A
CONTAINMENT IS	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B								68,156	SUMM RPT
OL SYS AREA	ELEC DIR	1063	E/I J-BOX	261.	-20	75			0.40	0.65								258	E255-1123
RADNMONITOR	ECT INDI								V	V									
RAD.MONITORING	SIGNAL C	E/I 1CR35	GENERAL		435220	RG 1.	A	D	0.35	0.56	X	NA	MF	MD	10.	13	28	RAB-1	QUAL BY
	ONDITION	61D SB	ATOMIC	LCL		100			S/S	S/S					5			21,110	SIMILARTY
RE0026	ERS	02274	GENERAL		N-29	IEEE			0.29	0.48								205	SEE A
CONTAINMENT IS	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B								68,156	SUMM RPT
OL SYS AREA	ELEC DIR	1063	0352-4501		-20	75			0.40	0.65								258	E255-1123
RADNMONITOR	ECT INDI								V	V									
RAD.MONITORING	SIGNAL C	E/I 1CR35	GENERAL	AB31	435220	RG 1.	A	D	0.35	0.56	X	NA	MF	MD	10.	13	28	RAB-1	QUAL BY
	ONDITION	63B SB	ATOMIC	LCL	---	100			S/S	S/S					5			21,110	SIMILARTY
RE0026	ERS	02267	GENERAL		N-29	IEEE			0.29	0.48								205	SEE A
CONTAINMENT PO	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B								68,156	SUMM RPT
ST LOCA	ELEC DIR	1063	0352-3601-	261.	-20	75			0.40	0.65								258	E255-1123
RADNMON	ECT INDI		U2						V	V									

TAGS INCLUDED: E/I 1CR 3589 S----E/I 1CZ 3505A1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
RAD.MONITORING	SIGNAL C	E/I 1CZ	GENERAL	ABS2	435220	RG1.1	A		0.35	0.56						10.	13	28	RAB1	QUAL BY
	ONDITION	3505A1SA	ATOMIC	WALL		00			S/S	S/S						5			15,104	SIMILARTY
REC026	ERS	10665	GENERAL		N-29	IEEE			0.29	0.48									199	SEE GA
CNTL RM EMERGE	VOLT OR	E-255-	ATOMIC		59-N29	344-			F/B	F/B									64,152	SUMM RPT
NCY OAI RAD	ELEC DIR	1063	E/I J-BOX	309.	-20	75			0.4	0.65									254	E-255-
MONITOR	ECT								V	V										1123
RAD.MONITORING	SIGNAL C	E/I 1CZ	GENERAL	ABS2	435220	RG1.1	A		0.35	0.56			NA	MF	MD				RAB1	QUAL BY
	ONDITION	3505B1SB	ATOMIC	WALL		00			S/S	S/S									15,104	SIMILARTY
REC026	ERS	10666	GENERAL		N-29	IEEE			0.29	0.48									199	SEE GA
CNTL RM EMERGE	VOLT OR	E-255-	ATOMIC		59-N29	344-			F/B	F/B									64,152	SUMM RPT
NCY OAI RAD	ELEC DIR	1063	E/I J-BOX	309.	-20	75			0.4	0.65									254	E-255-
MONITOR	ECT								V	V										1123
RAD.MONITORING	SIGNAL C	E/I 1CZ35	GENERAL	ABS2	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	ONDITION	04A SA	ATOMIC	WALL		100			S/S	S/S						5			10,60	SIMILARTY
REC026	ERS	02259	GENERAL		N-29	IEEE			0.29	0.48									111	SEE A
CNTL RM NORM	VOLT OR	E-255-	ATOMIC		59-N29	344-			F/B	F/B									37,88	SUMM RPT
OUTSIDE AIR	ELEC DIR	1063	E/I J-BOX	309.	-20	75			0.40	0.65									156	E255-1123
INTNKE RAD	ECT INDI								V	V										
RAD.MONITORING	SIGNAL C	E/I 1CZ35	GENERAL		435220	RG 1.	A		0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	ONDITION	04B SB	ATOMIC	LCL	---	100			S/S	S/S						5			10,60	SIMILARTY
REC026	ERS	02256	GENERAL		N-29	IEEE			0.29	0.48									111	SEE GA
CNTL RM NORM	VOLT OR	E-255-	ATOMIC		59-N29	344-			F/B	F/B									37,88	SUMM RPT
OUTSIDE AIR	ELEC DIR	1063	0352-3801		-20	75			0.40	0.65									156	E255-1123
INTAKE RAD	ECT INDI								V	V										
RAD.MONITORING	SIGNAL C	E/I 1CZ35	GENERAL		435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	ONDITION	05A2SA	ATOMIC	LCL	---	100			S/S	S/S						5			10,60	SIMILARTY
REC026	ERS	02258	GENERAL		N-29	IEEE			0.29	0.48									111	SEE A
CNTL RM EMER	VOLT OR	E-255-	ATOMIC		59-N29	344-			F/B	F/B									37,88	SUMM RPT
OUTSIDE AIR	ELEC DIR	1063	0352-3801		-20	75			0.40	0.65									156	E255-1123
INTNKE RAD	ECT INDI								V	V										
RAD.MONITORING	SIGNAL C	E/I 1CZ35	GENERAL		435220	RG 1.	A		0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	ONDITION	05B2SB	ATOMIC	LCL	---	100			S/S	S/S						5			10,60	SIMILARTY
REC026	ERS	02275	GENERAL		N-29	IEEE			0.29	0.48									111	SEE GA
CNTL RM EMER	VOLT OR	E-255-	ATOMIC		59-N29	344-			F/B	F/B									37,88	SUMM RPT
OUTSIDE A	ELEC DIR	1063	0352-3801		-20	75			0.40	0.65									156	E255-1123
IR INTAKE	ECT INDI								V	V										

TAGS INCLUDED: E/I 1CZ 3505A1----E/I 1MS 3591 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
RAD.MONITORING	SIGNAL C	E/I 1MS	GENERAL	AB41	435220	IEEE	B	D			X		NA	MF	MD				RAB12-	QUALIFICA
	ONDITION	3591 SB	ATOMIC	WALL		344-													16,67	TION RPT
REOO26	ERS	10661	GENERAL		N-29	75													117	STIL IN
MAIN STEAM LIN	VOLT OR	0360-9606	ATOMIC		50-N29														41,92	REVIEW
E POST ACCIDNT	ELEC DIR		E/I J-BOX	290.	-20														160	
MONNTOR	ECT INDI																			
RAD.MONITORING	SIGNAL C	E/I 1MS	GENERAL	AB41	435220	IEEE	B	D											RAB12-	QULIFICA
	ONDITION	3592 SB	ATOMIC	WALL		344-													16,67	TION RPT
REOO26	ERS	10662	GENERAL		N-29	75													117	STIL IN
MAIN STEAM LIN	VOLT OR	0360-9606	ATOMIC		50-N29														41,92	REVIEW
E POST ACCIDNT	ELEC DIR		E/I J-BOX	290.	-20														160	
MONNTOR	ECT INDI																			
RAD.MONITORING	SIGNAL C	E/I 1MS	GENERAL	AB41	435220	IEEE	B	D											RAB12-	QUALIFICA
	ONDITION	3593 SB	ATOMIC	WALL		344-													16,67	TION RPT
REOO26	ERS	10663	GENERAL		N-29	75													117	STIL IN
MAIN STEAM LIN	VOLT OR	0360-9606	ATOMIC		50-N29														41,92	REVIEW
E POST ACCIDNT	ELEC DIR		E/I J-BOX	290.	-20														160	
MONNTOR	ECT INDI																			
RAD.MONITORING	SIGNAL C	E/I*1CR35	GENERAL	AB31	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB-1	QUAL BY
	ONDITION	63A SA	ATOMIC	WALL		100			S/S	S/S						5			21,110	SIMILARTY
REOO26	ERS	02269	GENERAL		N-29	IEEE			0.29	0.48									205	SEE A
CONTAINMENT PO	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B									68,156	SUMM RPT
ST LOCA	ELEC DIR	1063	E/I J-BOX	265.	-20	75			0.40	0.65									253	E255-1123
RADNMON	ECT INDI								V	V										
RAD.MONITORING	SIGNAL C	E/I*1FR35	GENERAL	AB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	D-28	QUAL BY
	ONDITION	64A SA	ATOMIC	WALL	<	100			S/S	S/S						5			120	SIMILARTY
REOO26	ERS	02262	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	ELEC DIR	1063	E/I J-BOX	290.	-20	75			0.40	0.65									87	E255-1123
REANRAD MON	ECT INDI								V	V									151	
RAD.MONITORING	SIGNAL C	E/I*1FR35	GENERAL	AB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	D-28	QUAL BY
	ONDITION	64B SE	ATOMIC	WALL	<	100			S/S	S/S						5			120	SIMILARTY
REOO26	ERS	02266	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	ELEC DIR	1063	E/I J-BOX	290.	-20	75			0.40	0.65									87	E255-1123
REANRAD MON	ECT INDI								V	V									151	

TAGS INCLUDED: E/I 1MS 3591 S----E/I*1FR3565A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
RAD.MONITORING	SIGNAL C	E/I*1FR35	GENERAL	AB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	D-28	QUAL BY
	ONDITION	65A SA	ATOMIC	WALL	<	100			S/S	S/S						5			120	SIMILARTY
RE0026	ERS	02260	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	ELEC DIR	1063	E/I J-BOX	290.	-20	75			0.40	0.65									87	E255-1123
REANRAD MON	ECT INDI								V	V									151	
RAD.MONITORING	SIGNAL C	E/I*1FR35	GENERAL	AB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	D-28	QUAL BY
	ONDITION	65B SB	ATOMIC	WALL	<	100			S/S	S/S						5			120	SIMILARTY
RE0026	ERS	02263	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (SOUTH) A	ELEC DIR	1063	E/I J-BOX	290.	-20	75			0.40	0.65									87	E255-1123
REANRAD MON	ECT INDI								V	V									151	
RAD.MONITORING	SIGNAL C	E/I*1FR35	GENERAL	AB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	D-28	QUAL BY
	ONDITION	66A SA	ATOMIC	WALL	<	100			S/S	S/S						5			130	SIMILARTY
RE0026	ERS	02268	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	ELEC DIR	1063	E/I J-BOX	290.	-20	75			0.40	0.65									87	E255-1123
REANRAD MON	ECT INDI								V	V									151	
RAD.MONITORING	SIGNAL C	E/I*1FR35	GENERAL	AB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	D-28	QUAL BY
	ONDITION	66B SB	ATOMIC	WALL	<	100			S/S	S/S						5			130	SIMILARTY
RE0026	ERS	02264	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	ELEC DIR	1063	E/I J-BOX	290.	-20	75			0.40	0.65									87	E255-1123
REAN RAD MON	ECT INDI								V	V									151	
RAD.MONITORING	SIGNAL C	E/I*1FR35	GENERAL	AB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	D-28	QUAL BY
	ONDITION	67A SA	ATOMIC	WALL	<	100			S/S	S/S						5			130	SIMILARTY
RE0026	ERS	02265	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	ELEC DIR	1063	E/I J-BOX	290.	-20	75			0.40	0.65									87	E255-1123
REAN RAD MON	ECT INDI								V	V									151	
RAD.MONITORING	SIGNAL C	E/I*1FR35	GENERAL	AB41	435220	RG 1.	A	D	0.35	0.56	X		NA	MF	MD	10.	13	28	D-28	QUAL BY
	ONDITION	67B SB	ATOMIC	WALL	<	100			S/S	S/S						5			130	SIMILARTY
RE0026	ERS	02261	GENERAL		N-29	IEEE			0.29	0.48									226	SEE A
SPENT FUEL POO	VOLT OR	E-255-	ATOMIC		50-N29	344-			F/B	F/B									0-19	SUMM RPT
L (NORTH) A	ELEC DIR	1063	E/I J-BOX	290.	-20	75			0.40	0.65									87	E255-1123
REAN RAD MON	ECT INDI								V	V									151	

TAGS INCLUDED: E/I*1FR3565A SA----E/I-1CR3590SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR

UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1078

OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITN	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q I												
			MODEL NO	ELEV	SORT #														
RAD.MONITORING	SIGNAL C	E/I-1CR35	GENERAL	AB41	435220	RG1.1	A			X		NA	MF	MD				RA912	QUALIFICA
	ONDITION	9USB	ATOMIC	WALL		00												10,60	TION
REOC26	ERS	10671	GENERAL		N-29	IEEE												191	STILL IN
IN-CONTMT HIGH	VOLT OR	E-255-	ATOMIC		50-N29	344-												37,88	REVIEW
RANGE POST ACC	ELEC DIR	1061	E/I J-BOX	235.	-20	75												212	
IDENT MONITOR	ECT																		
RAD.MONITORING	SIGNAL C	E/I21RR35	GENERAL	AB52	435220	RG 1.	A	0.35	0.56	X		NA	MF	MD	10.	13	28	RAB12-	QUAL BY
	ONDITION	60 SA	ATOMIC	WALL	<	100		S/S	S/S						5			10,60	SIMILARTY
REOG26	ERS	02270	GENERAL		N-29	IEEE		0.29	0.48									111	SEE GA
CONTROL ROOM A	VOLT OR	E-255-	ATOMIC		50-N29	344-		F/B	F/B									37,88	SUMM RPT
REA RAD	ELEC DIR	1063	E/I J-BOX	309.	-20	75		0.40	0.65									156	E255-1123
MONITOR	ECT INDI							V	V										

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DOOR POSITION	AIR CLEANING UNITS DOOR SWITCH	E-6 (1A-SA) 07744 EA-180 QTR-105	CTI-NUCLEAR NAMCO EA-180-11302	FH31 261.	435162 BE-31 90-BE-31-20-S9	IEEE 344-75,323 IEEE 382-72	A	D	0.30 G NS 0.20 G EW 0.30 GV	0.50 G NS 0.40 G EW 0.40 GV	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
REAC.AUX.BLDG HVAC 0163 OPERATE INLET VANES-REGULATE FNN VOLUME	AIR CLEANING UNITS ELECTRO-HYDOPERATOR	E-6 (1A-SA) 07745	CTI-NUCLEAR ITT	FH31 261.	435162 BE-31 90-BE-31-20-S11	IEEE 344-75	B	D	0.30 G NS 0.20 G EW 0.30 GV	0.50 G NS 0.40 G EW 0.40 GV						>33 HZ			FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
REAC.AUX.BLDG HVAC 0163 REMOVE RADIOIODINE N	AIR CLEANING UNITS AIR CLEANING UNIT-CASING	E-6 (1A-SA) 07746 # 20322	CTI-NUCLEAR CTI-NUCLEAR	FH31 FLR MTD 261.	435162 < BE-31 90-BE-31-20-S1	IEEE 344-75 ASTM A-240	A	D	0.30 G NS 0.20 G EW 0.30 GV	0.50 G NS 0.40 G EW 0.40 GV	X	NA	SD	NA	NA	9.9 8 HZ	9.9 8 HZ	9.9 8 HZ	FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
REAC.AUX.BLDG HVAC 0163 DRAIN CONDENSATE FROM ACU N	AIR CLEANING UNITS DRAIN MANIFOLD	E-6 (1A-SA) 07748 #WA-NC60322	CTI-NUCLEAR CTI-NUCLEAR	FH31 CANTILEVER 261.	435162 BE-31 90-BE-31-20-S3	IEEE 344-75 ASTM-A36	A	D	0.30 G NS 0.20 G EW 0.30 GV	0.50 G NS 0.40 G EW 0.40 GV	X	NA	S	NA	NA	>33 HZ			FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
REAC.AUX.BLDG HVAC 0163 MOVE AIR THRU FILTRATION UNIT N	AIR CLEANING UNITS FAN	E-6 (1A-SA) 07749 # 1967	CTI-NUCLEAR BROD & MC LUNG-PACE 2GAF-SWS1	FH31 PLTFM MTD 261.	435162 BE-31 90-BE-31-20-S4	IEEE 344-75	A	D	0.30 G NS 0.20 G EW 0.30 GV	0.50 G NS 0.40 G EW 0.40 GV	X	NA	SD	NA	NA	>33 HZ	>33 HZ	>33 HZ	FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DOOR POSITION	AIR CLEANING UNITS MOTOR	E-6 (1A-SA) 07750 NUC-9	CTI-NUCLEAR R RELIANCE ELECTRIC C 11302	FH31 PLTFM MTD 261.	435162 BE-31 90-BE-31-20-S6	IEEE 344-75,SAE	A	D	0.30 G NS 0.20 G EW 0.30 GV	0.50 G NS 0.40 G EW 0.40 GV	X	NA	SD	NA	NA	33 HZ	33 HZ	33 HZ	FHB-08 E;23,9 1,155, FHB-08 E;34,1 36,232	

TAGS INCLUDED: E-6 (1A-SA) ----E-6 (1B-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC								ANALYS	TEST	TEST					
			MODEL NO	ELEV	SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	IS S/D	FREQ	DIR	F/B	S/S	V	SPECTR	
REAC.AUX.BLDG	AIR CLEA	E-6 (1B-S	CTI-NUCLEA	FH31	435162	IEEE	A	D	0.30	0.50	X	NA	NA	SF	SD	>33	>33	>33	FHB-08	
HVAC	NING UNI	B)	R			344-7			G NS	G NS						HZ	HZ	HZ	E;23,9	
0163	TS	07747	NAMCO		9E-31	5,323			0.20	0.40									1,155,	
REMOTE INDICAT	DOOR SWI	EA-180	EA-180		90-9E-	-74,			G EW	G EW									FHB-08	
ION OF DOOR	TCH	0TR-105	11302	261.	31-20-	382-			0.30	0.40									E;34,1	
POSNTION					S9	72			GV	GV									36,232	
REAC.AUX.BLDG	AIR CLEA	E-6 (1B-S	CTI-NUCLEA	FH31	435162	IEEE	B	D								>33			FHB-08	
HVAC	NING UNI	B)	R			344-7										HZ			E;23,9	
0163	TS	07751	ITT		9E-31	5													1,155,	
OPERATE INLET	ELECTRO-				90-9E-														FHB-08	
VANES-REGULATE	HYD OPER			261.	31-20-														E;34,1	
FNN VOLUME	ATOR				S11														36,232	
REAC.AUX.BLDG	AIR CLEA	E-6 (1B-S	CTI-NUCLEA	FH31	435162	IEEE	A	D	0.30	0.50	X	NA	SD	NA	NA	9.9	9.9	9.9	FHB-08	
HVAC	NING UNI	B)	R	FLR	<	344-7			G NS	G NS						8HZ	8HZ	8HZ	E;23,9	
0163	TS	07752	CTI-NUCLEA	MTD	9E-31	5			0.20	0.40									1,155,	
REMOVE RADIOIO	AIR CLEA	# 20322	R		90-9E-	ASTM-			G EW	G EW									FHB-08	
DINE	NING UNI			261.	31-20-	A240			0.30	0.40									E;34,1	
N	T CASING				S1				GV	GV									36,232	
REAC.AUX.BLDG	AIR CLEA	E-6 (1B-S	CTI-NUCLEA	FH31	435162	IEEE	A	D	0.30	0.50	X	NA	S	NA	NA	>33			FHB-08	
HVAC	NING UNI	B)	R			344-7			G NS	G NS						HZ			E;23,9	
0163	TS	07753	CTI-NUCLEA	CANTI	9E-31	5			0.20	0.40									1,155,	
DRAIN CONDENSA	DRAIN MA	#WA-NC60-	R	LEVER	90-9E-	ASTM-			0.30	G EW									FHB-08	
TE FROM ACU	NIFOLD	322		261.	31-20-	A36			G EW	0.40									E;34,1	
N					S3				GV	GV									36,232	
REAC.AUX.BLDG	AIR CLEA	E-6 (1B-S	CTI-NUCLEA	FH31	435162	IEEE	A	D	0.30	0.50	X	NA	SD	NA	NA	>33	>33	>33	FHB-08	
HVAC	NING UNI	B)	R	PLTFM		344-7			G NS	G NS						HZ	HZ	HZ	E;23,9	
0163	TS	07754	BRAD & MC	MTD	9E-31	5			0.20	0.40									1,155,	
MOVE AIR THRU	FAN	# 1967	CLUNG-PACE		90-9E-				G EW	G EW									FHB-08	
FILTRATION UNI			20AF-SWS1	261.	31-20-				0.30	0.40									E;34,1	
T N					S4				GV	GV									36,232	
REAC.AUX.BLDG	AIR CLEA	E-6 (1B-S	CTI-NUCLEA	FH31	435162	IEEE	A	D	0.30	0.50	X	NA	SD	NA	NA	>33	>33	>33	FHB-08	
HVAC	NING UNI	B)	R	PLTFM		344-7			G NS	G NS						HZ	HZ	HZ	E;23,9	
0163	TS	07755	RELIANCE	MTD	9E-31	5,SAE			0.20	0.40									1,155,	
DRIVE FAN	MOTOR	NUC-9	ELECT CO		90-9E-				G EW	G EW									FHB-08	
			6YF-882713	261.	31-20-				0.30	0.40									E;34,1	
N					S6				GV	GV									36,232	

TAGS INCLUDED: E-6 (1B-SB) ----E-6(1A-S)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/34

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1081
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0163	AIR CLEANING UNITS	E-6(1A-S) 11519	CTI-NUCLEAR ALISON CONTROLS INC A-971	A831 WALL MTD	435162 BE-31 90-3E-31-20-S5	IEEE 344-75, 323-74	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	15 HZ	FHB-D8 E;23,9 1,155, FHB-D8 E;34.1 36.232	
FIRE DETECTION CONTROL SYSTEM N	FIRE DETECT PNL	#44969-1 #45155-1		261.																
REAC.AUX.BLDG HVAC 0163	AIR CLEANING UNITS	E-6(1B-S) 11520	CTI-NUCLEAR ALISON CONTROLS INC A-971	FH31 WALL MTD	435162 < BE-31 90-3E-31-20-S5	IEEE 344-75, 323-74	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	N	MF	MD	>33 HZ	>33 HZ	>15 HZ	FHB-D8 E;23,9 1,155, FHB-D8 E;34,1 36,232	
FIRE DETECTION CONTROL SYSTEM N	FIRE DETECT PNL	44969-1 45155-1		261.																

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0135 REMOTE INDICAT ION OFDOOR POS ITION TI	AIR HAND LING UNI TS FAN	AH-10(1A-SA) 06907 WESTEL956 & ADD NO1	BAHNSON BAHNSON 3018	AB21 236.	435105 < 3E-08 90-3E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0135 DRIVE FAN	AIR HAND LING UNI TS MOTOR	AH-10(1A-SA) 06912 RLNCE# 79B-A-70A	BAHNSON RELIANCE 215T	AB21 236.	435105 < 3E-08 90-3E-08-20-S5G	IEEE 344-75,334 -74,3 23-74	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 160,72 ,337 RABDBE 116,27 ,310	AWAITING VENDOR'S RESPONSE
REAC.AUX.BLDG HVAC 0135 COOL AIR FOR E SF AHU	AIR HAND LING UNI TS COOLING COILS	AH-10(1A-SA) 06906 CCL#A-205-79	BAHNSON CARRIER 28SW5424FK 6066BT	AB21 236.	435105 < 3E-08 90-3E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0135 COOLING OF SPACE	AIR HAND LING UNI TS AIR HAND LING UNI T	AH-10(1A-SA) 06913 CCL#A-198-79-02	BAHNSON BAHNSON	AB21 236.	435105 < 3E-08 90-3E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0135 DRAIN FOR COOL ING COIL	AIR HAND LING UNI TS DRAIN MA NIFOLD	AH-10(1A-SA) 06911 CCLCALC 10-13-82	BAHNSON BAHNSON BAHNSON	AB21 236.	435105 < 3E-08 90-3E-08-20-S7	IEEE 344-75 ATSC CODE	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0135 MOVES AIR	AIR HAND LING UNI TS FAN	AH-10(1B-SB) 06909 WESTEL956 & ADD NO1	BAHNSON WESTINGHO USE 3018	AB21 236.	435105 < 3E-08 90-3E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	

TAGS INCLUDED: AH-10(1A-SA) ----AH-10(1B-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0135 DRIVE FAN	AIR HAND LING UNI TS MOTOR	AH-10(1B-SB) 06916 RLNCE# 79B-A-70A	BAHNSON RELIANCE 215T	AB21 236.	435105 < 3E-08 90-3E-08-20 S56	IEEE 344-75,33 4-74 323-74	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 160,72,337 RABDBE 116,27,310	AWAITING VENDOR'S RESPONSE
REAC.AUX.BLDG HVAC 0135 COOL AIR FOR ESF AHU	AIR HAND LING UNI TS COOLING COILS	AH-10(1B-SB) 06908 CCL#A-205-79	BAHNSON CARRIER 28SW5424FK 6066BT	AB21 236.	435105 < 3E-08 90-3E-08-20-S2A	IEEE 344-75 AS ME SE C-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 160,72,337 RABDBE 116,27,310	
REAC.AUX.BLDG HVAC 0135 COOLING OF SPACE	AIR HAND LING UNI TS AIR HAND LING UNI T	AH-10(1B-SB) 06917 CCL#A-198-79-02	BAHNSON BAHNSON	AB21 236.	435105 < 3E-08 90-3E-08-20 S1	IEEE 344-75 AS ME SE C-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 160,72,337 RABDBE 116,27,310	
REAC.AUX.BLDG HVAC 0135 DRAIN FOR COOLING COIL	AIR HAND LING UNI TS DRAIN MANIFOLD	AH-10(1B-SB) 06915 CCLCALC 10-13-82	BAHNSON BAHNSON	AB21 236.	435105 < 3E-08 90-3E 08-20 S7	IEEE 344-75 AISC CODE	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	NA	NA	NA	RABOBE 160,72,337 RABDBE 116,27,310	
REAC.AUX.BLDG HVAC 0048 MOVES AIR	AIR HAND LING UNI TS FAN	AH-11(1A-SA) 06919 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3027	AB21 236.	435105 < 3E-08 90-3E-08-27-S33	IEEE 344-75 AS ME SE C-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	NA	MD	NA	NA	NA	NA	RABOBE 160,72,337 RABDBE 116,27,310	
REAC.AUX.BLDG HVAC 0048 DRAIN FOR COOLING COIL	AIR HAND LING UNI TS DRAIN MANIFOLD	AH-11(1A-SA) 06923 CCLCALC 10-13-82	BAHNSON BAHNSON	AB21 236.	435105 < 3E-08 90-3E-08-27-S7	IEEE 344-75 AISC CODE	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	NA	NA	NA	RABOBE 160,72,337 RABDBE 116,27,310	

TAGS INCLUDED: AH-10(1B-SB) ----AH-11(1A-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA ORE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STOS	9 I												
REAC.AUX.BLDG HVAC 0048 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-11(1A-SA) 06924 RLNCE# 798-A-70A	BAHNSON RELIANCE 215T	AB21 236.	435105 < 3E-08 90-3E-08-20-SSG	IEEE 344-75,33 4-74 323,74	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 160,72,337 RABDBE 116,27,310	AWAITING VENDOR'S RESPONSE
REAC.AUX.BLDG HVAC 0048 COOLING OF SPACE	AIR HANDLING UNITS	AH-11(1A-SA) 06925 CCL#A-198-79-02	BAHNSON	236.	435105 < 3E-08 90-3E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A C	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 160,72 .337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0048 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COILS	AH-11(1A-SA) 06918 CCL#A-205-79	BAHNSON CARRIER 28SW6420FM 6090BT	AB21 236.	435105 < 3E-08 90-3E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A B	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 160,72 .337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0048 MOVES AIR	AIR HANDLING UNITS FAN	AH-11(1B-SB) 06921 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3027	AB21 236.	435105 < 3E-08 90-3E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0048 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-11(1B-SB) 06928 RLNCE# 798-A-70A	BAHNSON RELIANCE 215T	AB21 236.	435105 < 3E-08 90-3E-08-20-S5G	IEEE 344-75,33 4-74 323,74	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 160,72 ,337 RABDBE 116,27 ,310	AWAITING VENDOR'S RESPONSE
REAC.AUX.BLDG HVAC 0048 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-11(1B-SB) 06920 CCL#A-205-79	BAHNSON CARRIER 28SW6420FM 6090BT	AB21 236.	435105 < 3E-08 90-3E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	

TAGS INCLUDED: AH-11(1A-SA) ----AH-11(1B-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0048 COOLING OF SPACE	AIR HAND LING UNI TS	AH-11(1B-SB) 06929	BAHNSON BAHNSON	AB21	435105 < 3E-08 90-9E-08-20-S1	IEEE 344-7 5 AS ME SE C-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0048 DRAIN FOR COOL ING COIL	AIR HAND LING UNI TS DRAIN MA NIFOLD	AH-11(1B-SB) 06927	BAHNSON BAHNSON 28SW6420FM 6090BT	AB21 236.	435105 < 3E-08 90-9E-08-20-S7	IEEE 344-7 5 AISC CODE	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0159 MOVES AIR	AIR HAND LING UNI TS FAN	AH-12(1A-SA) 06931 WESTEL956 & ADD N01	BAHNSON WESTINGHO USE 3040	AB41 236.	435105 < 3E-08 90-9E-08-20-S39	IEEE 344-7 5 AS ME SE C-II, III	A	.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .70G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 152,64 ,329 RABDBE 104,15 ,298	
REAC.AUX.BLDG HVAC 0159 REMOTE INDICAT ION OFDOOR POS ITION	AIR HAND LING UNI TS DOOR SWI TCH	AH-12(1A-SA) 06934	BAHNSON NAMCO	AB41 236.	435105 < 3E-08 90-9E-08-20-S8	IEEE 344-7 5	D	.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .70G V									RABDBE 152,64 ,329 RABDBE 104,15 ,298	RPT NOT RECEIVED YET
REAC.AUX.BLDG HVAC 0159 DRIVE FAN	AIR HAND LING UNI TS MOTOR	AH-12(1A-SA) 06936 RLNCE# 808-A-11	BAHNSON RELIANCE 326T	AB41 235.	435105 < 3E-08 90-9E-08-20-S50	IEEE 344-7 5,334 -74,3 23-7 4	A	.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .70G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 152,64 ,329 RABDBE 104,15 ,298	AWAITING VENDOR'S RESPONSE
REAC.AUX.BLDG HVAC 0159 COOL AIR FOR E SF AHU	AIR HAND LING UNI TS COOLING COIL	AH-12(1A-SA) 06930 CCL#A-205-79	BAHNSON CARRIER 28SW5824FK 6120BT	AB41 284.	435105 < 3E-08 90-9E-08-20-S28	IEEE 344-7 5 AS ME SE C-II, III	A	.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 152,64 ,329 RABDBE 104,15 ,298	

TAGS INCLUDED: AH-11(1B-SB) ----AH-12(1A-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0159 COOLING OF SPACES	AIR HANDLING UNIT	AH-12(1A-SA) 06937 ADDCCL#A-198-79-02	BAHNSON BAHNSON 3040	AB41 286.	435105 < 9E-08 90-9E-08-20-S1A	IEEE 344-7 5 AS ME SE C-II, III	A		.30G H NS .25G H EW .50G V .40G H NS .40G H EW .70G V		X	X	SD	NA	NA	NA	NA	NA	RABDBE 152,64 ,329 RABDBE 104,15 ,298	ADDENDUM FOR AH-12 & AH-13
REAC.AUX.BLDG HVAC 0159 DRAIN FOR COOLING COIL	AIR HANDLING UNIT DRAIN MANIFOLD	AH-12(1A-SA) 06935 CCLCALC 10-13-82	BAHNSON BAHNSON	AB41 286.	435105 < 9E-08 90-9E-08-20-S7	IEEE 344-7 5	A		.30G H NS .25G H EW .50G V .40G H NS .40G H EW .70G V		X	NA	S	NA	NA	NA	NA	NA	RABDBE 152,64 ,329 RABDBE 104,15 ,298	
REAC.AUX.BLDG HVAC 0159 MOVES AIR	AIR HANDLING UNIT TS FAN	AH-12(1B-SA) 06933 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 6120BT	AB41 286.	435105 < 9E-08 90-9E-08-20-S3B	IEEE 344-7 5 AS ME SE C-II, III	A		.30G H NS .25G H EW .50G V .40G H NS .40G H EW .70G V		X	NA	NA	MF	MD	NA	NA	NA	RABDBE 152,64 ,329 RABDBE 104,15 ,298	
REAC.AUX.BLDG HVAC 0159 REMOTE INDICATION OFDOOR POSITION	AIR HANDLING UNIT TS DOOR SWITCH	AH-12(1B-SA) 06938	BAHNSON NAMCO	AB41 286.	435105 < 9E-08 90-9E-08-20-S8	IEEE 344-7 5	D		.30G H NS .25G H EW .50G V .40G H NS .40G H EW .70G V										RABDBE 152,64 ,329 RABDBE 104,15 ,298	RPT NOT RECEIVED YET
REAC.AUX.BLDG HVAC 0159 DRIVE FAN	AIR HANDLING UNIT TS MOTOR	AH-12(1B-SA) 06940 RLNCE# 8GB-A-11	BAHNSON RELIANCE 326T	AB41 286.	435105 < 9E-08 90-9E-08-20-S59	IEEE 344-7 5,334 -74,3 23-74	A		.30G H NS .25G H EW .50G V .40G H NS .40G H EW .70G V		X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 152,64 ,329 RABDBE 104,15 ,298	AWAITING VENDOR'S RESPONSE
REAC.AUX.BLDG HVAC 0159 COOL AIR FOR ESF AHU	AIR HANDLING UNIT TS COOLING COIL	AH-12(1B-SA) 06932 CCL#A-205-79	BAHNSON CARRIER 28SW6824FK 6120BT	AB41 286.	435105 < 9E-08 90-9E-08-20-S2A	IEEE 344-7 5 AS ME SE C-II, III	A		.30G H NS .25G H EW .50G V .40G H NS .40G H EW .70G V		X	X	SD	NA	NA	NA	NA	NA	RABDBE 152,64 ,329 RABDBE 104,15 ,298	

TAGS INCLUDED: AH-12(1A-SA) ----AH-12(1B-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0159 COOLING OF SPACES	AIR HANDLING UNIT	AH-12(1B-SA) 06941 ADDCCL#A-198-79-02	BAHNSON BAHNSON	AB41 286.	435105 < BE-08 90-BE-08-20-S1A	IEEE 344-75 AS ME SEC-II, III	A		.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RAB08E 152,64,329 RAB08E 104,15,298	ADDENDUM FOR AH-12 & AH-13
REAC.AUX.BLDG HVAC 0154 MOVES AIR	AIR HANDLING UNIT TS FAN	AH-13(1A-SB) 06943 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3045	AB41 286.	435105 < BE-08 90-BE-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A		.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .80G V	X	NA	NA	MF	MD	NA	NA	NA	RAB08E 152,64,329 RAB08E 104,15,298	
REAC.AUX.BLDG HVAC 0154 REMOTE INDICATION OFDOOR POSITION	AIR HANDLING UNIT TS DOOR SWITCH	AH-13(1A-SB) 06946	BAHNSON NAMCO	AB41 286.	435105 < BE-08 90-BE-08-20-S8	IEEE 344-75	D		.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .70G V									RAB08E 152,64,329 RAB08E 104,15,298	RPT NOT RECEIVED YET
REAC.AUX.BLDG HVAC 0154 DRIVE FAN	AIR HANDLING UNIT TS MOTOR	AH-13(1A-SB) 06948 RLNCE# 808-A-12	BAHNSON RELIANCE 364T	AB41 285.	435105 < BE-08 90-BE-08-20-S5B	IEEE 344-75,334 -74,3 23-74	A		.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .80G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RAB09E 152,64,329 RAB08E 104,15,298	AWAITING VENDOR'S RESPONSE
REAC.AUX.BLDG HVAC 0154 COOL AIR FOR ESF AHU	AIR HANDLING UNIT TS COOLING COIL	AH-13(1A-SB) 06942 CCL#A-205-79	BAHNSON CARRIER 28SW5820FK 6108BT	AB41 285.	435105 < BE-08 90-BE-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A		.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RAB08E 152,64,329 RAB08E 104,15,298	
REAC.AUX.BLDG HVAC 0154 COOLING OF SPACES	AIR HANDLING UNIT TS AIR HANDLING UNIT	AH-13(1A-SB) 06949 ADDCCL#A-198-79-02	BAHNSON BAHNSON	AB41 285.	435105 < BE-08 90-BE-08-20-S1A	IEEE 344-75 AS ME SEC-II, III	A		.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RAB08E 152,64,329 RAB08E 104,15,298	

TAGS INCLUDED: AH-12(1B-SA) ----AH-13(1A-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0154 DRAIN FOR COOLING COIL	AIR HANDLING UNIT DRAIN MANIFOLD	AH-13(1A-SB) 06947 CCLCALC 10-13-82	BAHNSON BAHNSON	AB41 286.	435105 < 8E-08 90-9E-08-20-S7	IEEE 344-75 ATSC CODE	A		.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .70G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 152,64,329 RABDBE 104,15,298	
REAC.AUX.BLDG HVAC 0154 MOVES AIR	AIR HANDLING UNIT TS FAN	AH-13(1B-SB) 06945 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3045	AB41 286.	435105 < 8E-08 90-9E-08-20 S8	IEEE 344-75 AS ME SEC-II, III	A		.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .80G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 152,64,329 RABDBE 104,15,298	
REAC.AUX.BLDG HVAC 0154 REMOTE INDICATION OFDOOR POSITION	AIR HANDLING UNIT TS DOOR SWITCH	AH-13(1B-SB) 06950	BAHNSON NAMCO	AB41 286.	435105 < 8E-08 90-9E-08-20-S8	IEEE 344-75	D		.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .70G V									RABDBE 152,64,329 RABDBE 104,15,298	RPT NOT RECEIVED YET
REAC.AUX.BLDG HVAC 0154 DRIVE FAN	AIR HANDLING UNIT TS MOTOR	AH-13(1B-SB) 06952 RLNCE# 808-A-12	BAHNSON RELIANCE 364T	AB41 286.	435105 < 8E-08 90-9E-08-20-S5B	IEEE 344-75,334 -74,3 23-74	A		.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .80G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 152,64,329 RABDBE 104,15,298	AWAITING VENDOR'S RESPONSE
REAC.AUX.BLDG HVAC 0154 COOLING OF SPACES	AIR HANDLING UNIT TS AIR HANDLING UNIT	AH-13(1B-SB) 06953 ADDCCL#A-198-79-02	BAHNSON BAHNSON	AB41 286.	435105 < 8E-08 90-9E-08-20-S1A	IEEE 344-75 AS ME SEC-II, III	A		.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 152,64,329 RABDBE 104,15,298	ADDENDUM FOR AH-12 & AH-13
REAC.AUX.BLDG HVAC 0154 DRAIN FOR COOLING COIL	AIR HANDLING UNIT TS DRAIN MANIFOLD	AH-13(1B-SB) 06951 CCL CALC 01-13-82	BAHNSON BAHNSON	AB41 286.	435105 < 8E-08 90-9E-08-20-S7	IEEE 344-75 ATSC CODE	A		.30G H NS .25G H EW .50G V	.50G H NS .40G H EW .70G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 152,64,329 RABDBE 104,15,298	

TAGS INCLUDED: AH-13(1A-SB) ----AH-16(1A-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- G 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0156 MOVES AIR	AIR HANDLING UNITS FAN	AH-16(1A-SA) 06967 WESTEL956 & ADD N01	BAHNSON WESTINGHOUSE 3024		435105 < 8E-08 90-8E-08-20-S33	IEEE 344-75 AS ME SEC-II, III	A		.35G H NS .30G H EW .35G V	.55G H NS .50G H EW .60G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 88,37, 212 RABDBE 60,10, 191	
REAC.AUX.BLDG HVAC 0156 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-16(1A-SA) 06972 RLNCE# 79B-A-64	BAHNSON RELIANCE 286T	AB52 305.	435105 < 8E-08 90-8E-08-20-S5A	IEEE 344-75,334 -74,323-74	A		.35G H NS .30G H EW .35G V	.55G H NS .50G H EW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 88,37, 212 RABDBE 60,10, 191	
REAC.AUX.BLDG HVAC 0156 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-16(1A-SA) 06966 CCL#A-205-79	BAHNSON 28SW5816FK6084BT 28SW5820FK6084BT	AB52 305.	435105 < 8E-08 90-8E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A		.35G H NS .30G H EW .35G V	.55G H NS .50G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 88,37, 212 RABDBE 60,10, 191	
REAC.AUX.BLDG HVAC 0156 COOLING OF SPACE	AIR HANDLING UNITS	AH-16(1A-SA) 06973 CCL#A-198-79-02	BAHNSON BAHNSON	AB52 305.	435105 < 8E-08 90-8E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A		.35G H NS .30G H EW .35G V	.55G H NS .50G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 88,37, 212 RABDBE 60,10, 191	
REAC.AUX.BLDG HVAC 0156 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-16(1A-SA) 06971 CCL CALC 1C-13-82	BAHNSON BAHNSON	AB52 305.	435105 < 8E-08 90-8E-08-20-S7	IEEE 344-75	A		.35G H NS .30G H EW .35G V	.55G H NS .50G H EW .60G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 88,37, 212 RABDBE 60,10, 191	
REAC.AUX.BLDG HVAC 0156 MOVES AIR	AIR HANDLING UNITS FAN	AH-16(1B-SB) 06969 WESTEL956 & ADD N01	BAHNSON WESTINGHOUSE 3024	AB52 305.	435105 < 8E-08 90-8E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A		.35G H NS .30G H EW .35G V	.55G H NS .50G H EW .60G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 88,37, 212 RABDBE 60,10, 191	

TAGS INCLUDED: AH-16(1A-SA) ----AH-16(1B-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0156 DRIVE FAN	AIR HAND LING UNI TS MOTOR	AH-16(1B-SB) 06976 RLNCE# 79B-A-64	BAHNSON RELIANCE 286T	AB52 305.	435105 < 9E-08 90-9E-08-20-S5A	IEEE 344-75,334 -74,323-74	A		.35G H NS .30G H EW .35G V	.55G H NS .50G H EW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 88,37,212 RABDBE 60,10,191	
REAC.AUX.BLDG HVAC 0156 COOL AIR FOR ESF AHU	AIR HAND LING UNI TS COOLING COIL	AH-16(1B-SB) 06968 CCL#A-205-79	BAHNSON CARRIER 28SW5816FK6084BT 28SW5820FK6084BT	AB52 305.	435105 < 9E-08 90-9E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A		.35G H NS .30G H EW .35G V	.55G H NS .50G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 88,37,212 RABDBE 60,10,191	
REAC.AUX.BLDG HVAC 0156 COOLING OF SPACE	AIR HAND LING UNI TS AIR HAND LING UNI T	AH-16(1B-SB) 06977 CCL#A-198-79-02	BAHNSON BAHNSON	AB52 305.	435105 < 9E-08 90-9E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A		.35G H NS .30G H EW .35G V	.55G H NS .50G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 88,37,212 RABDBE 60,10,191	
REAC.AUX.BLDG HVAC 0156 DRAIN FOR COOLING COIL	AIR HAND LING UNI TS DRAIN MANIFOLD	AH-16(1B-SB) 06975 CCL CALC 10-13-82	BAHNSON BAHNSON	AB52 305.	435105 < 9E-08 90-9E-08-20-S7	IEEE 344-75 AISC CODE	A		.35G H NS .30G H EW .35G V	.55G H NS .50G H EW .60G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 88,37,212 RABDBE 60,10,191	
REAC.AUX.BLDG HVAC 0120 REMOTE INDICATION OFDOOR POSITION TI	AIR HAND LING UNI TS FAN	AH-19(1A-SA) 06992 WESTEL956 & ADD N01	BAHNSON WESTINGHOUSE 3020	AB31 261.	435105 < 9E-08 90-9E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A		.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 156,68,333 RABDBE 110,81,304	
REAC.AUX.BLDG HVAC 0120 DRIVE FAN	AIR HAND LING UNI TS MOTOR	AH-19(1A-SA) 06997 RLNCE# 79B-A-67A	BAHNSON RELIANCE 213T	AB31 261.	435105 < 9E-08 90-9E-08-20-S5B	IEEE 344-75,334 -74,323-74	A		.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 156,68,333 RABDBE 110,81,304	

TAGS INCLUDED: AH-16(1B-SB) ----AH-19(1A-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0120 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-19(1A-SA) 06990 CCL#A-205-79	BAHNSON CARRIER 28SW6424FK 6084BT	AB31 261.	435105 < 9E-08 90-9E-08-20-S24	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 156,68 ,333 RABOBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0120 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-19(1A-SA) 06998 CCL#A-198-79-02	BAHNSON BAHNSON	AB31 261.	435105 < 9E-08 90-9E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 156,68 ,333 RABOBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0120 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-19(1A-SA) 06996 CCLCALC 10-13-82	BAHNSON BAHNSON 261.	AB31	435105 < 9E-08 90-9E-08-20-S7	IEEE 344-75 ATSC CODE	A	.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	NA	S	NA	NA	NA	NA	NA	RABOBE 156,68 ,333 RABOBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0120 MOVES AIR	AIR HANDLING UNITS FAN	AH-19(1B-SB) 06994 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3020 261.	AB31	435105 < 9E-08 90-9E-08-20-S33	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	NA	NA	MF	MD	NA	NA	NA	RABOBE 156,68 ,333 RABOBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0120 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-19(1B-SB) 07001 RLNCE# 79B-A-67A	BAHNSON RELIANCE 213T 261.	AB31	435105 < 9E-08 90-9E-08-20-S50	IEEE 344-75,334 -74,3 23-74	A	.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 156,68 ,333 RABOBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0120 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-19(1B-SB) 06993 CCL#A-205-79	BAHNSON CARRIER 28SW6424FK 6084BT	AB31 261.	435105 < 9E-08 90-9E-08-20-S24	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 156,68 ,333 RABOBE 110,81 ,304	

TAGS INCLUDED: AH-19(1A-SA) ----AH-19(1B-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0120 COOLING OF SPACE	AIR HANDLING UNITS	AH-19(1B-SB) 07002	BAHNSON	AB31	435105 < 8E-08	IEEE 344-7 5 AS	A	.20G H NS .18G H EW	.34G H NS .30G H EW	X	X	SD	NA	NA	NA	NA	NA	RABDBE 156,68 ,333	
	AIR HANDLING UNIT	CCL#A-198-79-02		261.	90-3E-08-20-S1	MF SEC-II, III		.40G V	.60G V									RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0120 DRAIN FOR COOLING COIL	AIR HANDLING UNITS	AH-19(1B-SB) 07000	BAHNSON	AB31	435105 < 8E-08	IEEE 344-7 5	A	.20G H NS .18G H EW	.34G H NS .30G H EW	X	NA	S	NA	NA	NA	NA	NA	RABDBE 156,68 ,333	
	DRAIN MANIFOLD	CCLCALC 10-13-82		261.	90-3E-08-20-S7	ATSC CODE		.40G V	.60G V									RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0121 DRIVE FAN	AIR HANDLING UNITS	AH-20 (1B-SB) 07017	BAHNSON	AB31	435105 < 8E-08	IEEE 344-7 5,334	A	.20G H NS .18G H EW	.34G H NS .30G H EW	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 156,68 ,333	
	MOTOR	RLNCE# 798-A-674	213T	261.	90-3E-08-20-S5D	-74,3 23-74		.40G V	.60G V									RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0121 COOLING OF SPACE	AIR HANDLING UNITS	AH-20 (1B-SB) 07018	BAHNSON	AB31	435105 < 8E-08	IEEE 344-7 5 AS	A	.20G H NS .18G H EW	.34G H NS .30G H EW	X	X	SD	NA	NA	NA	NA	NA	RABDBE 156,68 ,333	
	AIR HANDLING UNIT	CCL#A-198-79-02		261.	90-3E-08-20-S1	MF SEC-II, III		.40G V	.60G V									RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0121 DRAIN FOR COOLING COIL	AIR HANDLING UNITS	AH-20 (1B-SB) 07016	BAHNSON	AB31	435105 < 8E-08	IEEE 344-7 5	A	.20G H NS .18G H EW	.34G H NS .30G H EW	X	NA	S	NA	NA	NA	NA	NA	RABDBE 156,68 ,333	
	DRAIN MANIFOLD	10-13-82	213T	261.	90-3E-08-20-S7	ATSC CODE		.40G V	.60G V									RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0121 MOVES AIR	AIR HANDLING UNITS FAN	AH-20(1A-SA) 07008 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3020	AB31	435105 < 8E-08	IEEE 344-7 5 AS	A	.20G H NS .18G H EW	.34G H NS .30G H EW	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 156,68 ,333	
				261.	90-3E-08-20-S3B	MF SEC-II, III		.40G V	.60G V									RABDBE 110,81 ,304	

TAGS INCLUDED: AH-19(1B-SB) ----AH-20(1A-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0121 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-20(1A-SA) 07C13 RLNCE# 79B-A-67A	BAHNSON RELIANCE 213T	AB31 261.	435105 < 8E-08 90-9E-08-20-S5D	IEEE 344-75,334 -74,3 23-74	A	.20G H NS .18G H EW .40G V .30G H NS .30G H EW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0121 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-20(1A-SA) 07C07 CCL#A-205-79	BAHNSON CARRIER 28SW6424FK 6084BT	AB31 261.	435105 < 8E-08 90-9E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V .30G H NS .30G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0121 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-20(1A-SA) 07C14 CLL#A-198-79-02	BAHNSON BAHNSON	AB31 261.	435105 < 8E-08 90-9E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V .30G H NS .30G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0121 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-20(1A-SA) 07C12 CCL CALC 10-13-82	BAHNSON BAHNSON	AB31 261.	435105 < 8E-08 90-9E-08-20-S7	IEEE 344-75 AISC CODE	A	.20G H NS .18G H EW .40G V .30G H NS .30G H EW .60G V	X	NA	S	NA	NA	NA	NA	NA	RABOBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0121 MOVES AIR	AIR HANDLING UNITS FAN	AH-20(1B-SB) 07C10 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3020	AB31 261.	435105 < 8E-08 90-9E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V .30G H NS .30G H EW .60G V	X	NA	NA	MF	MD	NA	NA	NA	RABOBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0121 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-20(1B-SB) 07C09 CCL#A-205-79	BAHNSON CARRIER 28SW6424FK 3020	AB31 261.	435105 < 8E-08 90-9E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V .30G H NS .30G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 156,68 ,333 RABDBE 110,81 ,304	

TAGS INCLUDED: AH-20(1A-SA) ----AH-23 (1X-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0153 MOVES AIR	AIR HANDLING UNITS FAN	AH-23 (1X-SA) 07020 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3012	FH21 236.	435105 < 8E-08 90-8E-08-20-S33	IEEE 344-75 AS ME SEC-II, III	A		.16G H NS .17G H EW .50G V	.30G H NS .22G H EW .80G V	X	NA	NA	MF	MD	NA	NA	NA	FHB-08 E;31,9 9,175 FHB-08 E;46,1 48,262	
REAC.AUX.BLDG HVAC 0153 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-23(1X-SA) 07023 RLNCE# 79B-A-75	BAHNSON RELIANCE 182T	FH21 236.	435105 < 8E-08 90-8E-08-20-S51	IEEE 344-75,334 -74,3 23-74	A		.16G H NS .17G H EW .50G V	.30G H NS .22G H EW .80G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	FHB-08 E;31,9 9,175 FHB-08 E;46,1 48,262	
REAC.AUX.BLDG HVAC 0153 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-23(1X-SA) 07019 CCL#A-205-79	BAHNSON CARRIER 28SW5416FM 6036BT	FH21 236.	435105 < 8E-08 90-8E-08-20-S2	IEEE 344-75 AS ME SEC-II, III	A		.16G H NS .17G H EW .50G V	.30G H NS .22G H EW .80G V	X	X	SD	NA	NA	NA	NA	NA	FHB-08 E;31,9 9,175 FHB-08 E;46,1 48,262	
REAC.AUX.BLDG HVAC 0153 COOLING OF SPACE	AIR HANDLING UNITS TS AIR HANDLING UNIT	AH-23(1X-SA) 07024 CCL#A-798-79-02	BAHNSON BAHNSON	FH21 236.	435105 < 8E-08 90-8E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A		.16G H NS .17G H EW .50G V	.30G H NS .22G H EW .80G V	X	X	SD	NA	NA	NA	NA	NA	FHB-08 E;31,9 9,175 FHB-08 E;46,1 48,262	
REAC.AUX.BLDG HVAC 0153 DRAIN FOR COILING COIL	AIR HANDLING UNITS TS DRAIN MANIFOLD	AH-23(1X-SA) 07022 CCL CALC 10-13-82	BAHNSON BAHNSON	FH21 236.	435105 < 8E-08 90-8E-08-20-S7	IEEE 344-75 AISC CODE	A		.16G H NS .17G H EW .50G V	.30G H NS .22G H EW .80G V	X	NA	S	NA	NA	NA	NA	NA	FHB-08 E;31,9 9,175 FHB-08 E;46,1 48,262	
REAC.AUX.BLDG HVAC 0142 MOVES AIR	AIR HANDLING UNITS TS FAN	AH-24(1X-SA) 07026 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3013	AB31 261.	435105 < 8E-08 90-8E-08-20-S38	IEEE 344-75 AS ME SEC-II, III	A		.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	NA	NA	MF	MD	NA	NA	NA	RAB08E 19,20, 29 RAB08E 22,23, 30	

TAGS INCLUDED: AH-23 (1X-SA) ----AH-24(1X-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0142 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-24(1X-SA) 07029 RLNCE# 798-A-72A	BAHNSON RELIANCE 213T	AB31 261.	435105 < 8E-08 90-8E-08-20-S5H	IEEE 344-75,334 -74,323-74	A	.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 19,20,29 RABDBE 22,23 30	
REAC.AUX.BLDG HVAC 0142 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-24(1X-SA) 07025 CCL#A-205-79	BAHNSON CARRIER 28SW642UFK 6042BT	AB31 261.	435105 < 8E-08 90-8E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 19,20,29 RABDBE 22,23,30	
REAC.AUX.BLDG HVAC 0142 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-24(1X-SA) 07030 CCL#A-198-79-02	BAHNSON BAHNSON	261.0 261.	435105 < 8E-08 90-8E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 19,20,29 RABDBE 22,23,30	
REAC.AUX.BLDG HVAC 0142 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-24(1X-SA) 07028 CCL CALC 10-13-82	BAHNSON BAHNSON	AB31 261.0 261.	435105 < 8E-08 90-8E-08-20-S7	IEEE 344-75 AISC CODE	A	.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 19,20,29 RABDBE 22,23 30	
REAC.AUX.BLDG HVAC 0143 COOLING OFELEC. PEN.AREA SF	AIR HANDLING UNITS FAN	AH-25(1X-SB) 07032 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3012	AB31 261.	435105 < 8E-08 90-8E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 156,68,333 RABDBE 110,81,304	
REAC.AUX.BLDG HVAC 0143 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-25(1X-SB) 07036 RLNCE#798-A-122A	BAHNSON RELIANCE 182T	AB31 261.	435105 < 8E-08 90-8E-08-20-S5M	IEEE 344-75,335-74,323-74	A	.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 156,68,333 RABDBE 110,81,304	AWAITING VENDOR'S RESPONSE

TAGS INCLUDED: AH-24(1X-SA) ----AH-25(1X-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0143 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-25(1X-SB) C7031 CCL#A-205-79	BAHNSON CARRIER 28SW6216FP 6042BT	AB31 261.	435105 < 8E-08 90-8E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A		.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0143 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-25(1X-SB) 07037 CCL#A-198-79-02	BAHNSON BAHNSON	AB31 261.	435105 < 8E-08 90-8E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A		.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0143 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-25(1X-SB) 07035 CCL CALC 10-13-82	BAHNSON BAHNSON	AB31 261.	435105 < 8E-08 90-8E-08-20-S7	IEEE 344-75 AISC CODE	A		.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0150 MOVES AIR	AIR HANDLING UNITS FAN	AH-26(1A-SA) 07039 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3012	FH31 261.	435105 < 8E-08 90-8E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A		.20G H NS .20G H EW .50G V	.37G H NS .30G H EW .80G V	X	NA	NA	MF	MD	NA	NA	NA	FHB-DBE;23,91,175 FHB-DBE;34,136,262	
REAC.AUX.BLDG HVAC 0150 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-26(1A-SA) 07044 RLNCE# 79B-A-124	BAHNSON RELIANCE 182T	FH31 261.	435105 < 8E-08 90-8E-08-20-S5D	IEEE 344-75,334-74,3-74	A		.20G H NS .20G H EW .50G V	.37G H NS .30G H EW .80G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	FHB-DBE;23,91,175 FHB-DBE;34,136,262	
REAC.AUX.BLDG HVAC 0150 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-26(1A-SA) 11550 CCL #A-198-79-02	BAHNSON BAHNSON 28SW5416FM 6042BT	FH31 261.	435105 < 8E-08 90-8E-08-20-S1	IEEE 344-75-AS ME SEC-II, III	A		.20G H NS .20G H EW .50G V	.37G HNS .30G H EW .80G V	X	X	S	NA	NA	NA	NA	NA	RABDBE 23,91,175 RABDBE 34,136,262	

TAGS INCLUDED: AH-25(1X-SB) ----AH-26(1A-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0150 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-26(1A-SA) 07038 CCL#A-205-79	BAHNSON CARRIER 28SW5416FM 6042BT	FH31 261.	435105 < 3E-08 99-3E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A		.20G H NS .20G H EW .50G V	.37G H NS .30G H EW .80G V	X	X	SD	NA	NA	NA	NA	NA	FHB-08 E;23,91,175 FHB-08 E;34,136,262	
REAC.AUX.BLDG HVAC 0150 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-26(1A-SA) 07043 CCL CALC 10-13-82	BAHNSON BAHNSON	FH31 261.	435105 < 3E-08 99-3E-08-20-S7	IEEE 344-75 AISC CODE	A		.20G H NS .20G H EW .50G V	.37G H NS .30G H EW .80G V	X	NA	S	NA	NA	NA	NA	NA	FHB-08 E;23,91,175 FHB-08 E;34,136,262	
REAC.AUX.BLDG HVAC 0150 MOVES AIR	AIR HANDLING UNITS FAN	AH-26(1B-SB) 07041 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3012	FH31 261.	435105 < 3E-08 99-3E-08-20-S3B	IEEE 344-75 AS ME SAC-III III	A		.20G H NS .20G H EW .20G V	.37G H NS .30G H EW .35G V	X	NA	NA	MF	MD	NA	NA	NA	FHB-08 E;23,91,155 FHB-08 E;34,136,232	
REAC.AUX.BLDG HVAC 0150 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-26(1B-SB) 07047 RLNCE# 798-A-123	BAHNSON RELIANCE 182T	FH31 261.	435105 < 3E-08 99-3E-08-20-S5N	IEEE 344-75	A		.20G H NS .20G H EW .20G V	.37G H NS .30G H EW .35G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	FHB-08 E;23,91,155 FHB-08 E;34,136,232	
REAC.AUX.BLDG HVAC 0150 REMOTE INDICAT SF AHU	AIR HANDLING UNITS COOLING COIL	AH-26(1B-SB) 07040 CCL#A-205-79	BAHNSON CARRIER 28SW6416FM 6042BT	FH31 261.	435105 < 3E-08 99-3E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A		.20G H NS .20G H EW .20G V	.37G H NS .30G H EW .35G V	X	X	SD	NA	NA	NA	NA	NA	FHB-08 E;23,91,155 FHB-08 E;34,136,232	
REAC.AUX.BLDG HVAC 0150 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-26(1B-SB) 07048 CCL#A-198-79-02	BAHNSON BAHNSON	FH31 261.	435105 < 3E-08 99-3E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A		.20G H NS .20G H EW .20G V	.37G H NS .30G H EW .35G V	X	X	SD	NA	NA	NA	NA	NA	FHB08E 23,91,155 FHB08E 34,136,232	

TAGS INCLUDED: AH-26(1A-SA) ----AH-26(1B-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC G150 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-26(1B-SB) G7046 CCL CALC 10-13-82	BAHNSON BAHNSON	FH31 261.	435105 < 3E-08 99-BE-08-20-S7	IEEE 344-75 AISC CODE	A	.20G H NS .20G H EW .20G V	.37G H NS .30G H EW .35G V	X	NA	S	NA	NA	NA	NA	NA	FHB-08 E;23,91,175 FHB-08 E;34,136,232	
REAC.AUX.BLDG HVAC 0136 MOVES AIR	AIR HANDLING UNITS FAN	AH-28(1A-SA) 07050 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3020	AB11 216.	435105 < 3E-08 99-BE-08-20-S33	IEEE 344-75 AS ME SEC-II, III	A	.10G H NS .10G H EW .20G V	.18G H NS .18G H EW .30G V	X	NA	NA	MF	MD	NA	NA	NA	RABOBE 168,80,341 RABOBE 128,39,316	
REAC.AUX.BLDG HVAC 0136 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-28(1A-SA) 07055 RLNCE# 799-A-77A	BAHNSON RELIANCE 184T	AB11 216.	435105 < 3E-08 99-BE-08-20-S5K	IEEE 344-75,33 4-74 323-74	A	.10G H NS .10G H EW .20G V	.18G H NS .18G H EW .30G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 168,80,341 RABOBE 128,39,316	AWAITING VENDOR'S REMARKS
REAC.AUX.BLDG HVAC 0136 REMOTE INDICATION OFDOOR POSITION TI	AIR HANDLING UNITS COOLING COIL	AH-28(1A-SA) 07049 CCL#A-285-79	BAHNSON CARRIER 28SW5428DM 6066BT	AB11 216.	435105 < 3E-08 99-BE-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.10G H NS .10G H EW .20G V	.18G H NS .18G H EW .30G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 168,80,341 RABOBE 128,39,316	
REAC.AUX.BLDG HVAC 0136 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-28(1A-SA) G7056 CCL#A-198-79-02	BAHNSON BAHNSON	AB11 216.	435105 < 3E-08 99-BE-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A	.10G H NS .10G H EW .20G V	.18G H NS .18G H EW .30G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 168,80,341 RABOBE 123,39,316	
REAC.AUX.BLDG HVAC G136 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-28(1A-SA) 07054 CCLCALC 10-13-82	BAHNSON BAHNSON	AB11 216.	435105 < 3E-08 99-BE-08-20-S7	IEEE 344-75 AISC CODE	A	.10G H NS .10G H EW .20G V	.18G H NS .18G H EW .30G V	X	NA	S	NA	NA	NA	NA	NA	RABOBE 168,80,341 RABOBE 128,39,316	

TAGS INCLUDED: AH-26(1B-SB) ----AH-28(1B-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0136 CIRCULATE AIR	AIR HANDLING UNITS FAN	AH-28(19-SB) 07052 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3020	AB11 215.	435105 < 9E-08 90-3E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A	.10G H NS .10G H EW .20G V	.18G H NS .18G H EW .30G V	X	NA	NA	MF	MD	NA	NA	NA	RABOBE 168,80 ,341 RABDBE 128,39 ,316	
REAC.AUX.BLDG HVAC 0136 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-28(19-SB) 07059 RLNCE# 798-A-77A	BAHNSON RELIANCE 184T	AB11 215.	435105 < 9E-08 90-3E-08-20-S5K	IEEE 344-75,33 4-74 323-74	A	.10G H NS .10G H EW .20G V	.18G H NS .18G H EW .30G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 168,80 ,341 RABDBE 128,39 ,316	AWAITING VENDOR'S RESPONSE
REAC.AUX.BLDG HVAC 0136 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-28(1B-SB) 07051 CCL#A-205-79	BAHNSON CARRIER 28SW6428DM 6066BT	AB11 215.	435105 < 9E-08 90-3E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.10G H NS .10G H EW .20G V	.18G H NS .18G H EW .30G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 168,80 ,341 RABDBE 128,39 ,316	
REAC.AUX.BLDG HVAC 0136 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-28(1B-SB) 07060 CCL#A-198-79-02	BAHNSON BAHNSON	AB11 215.	435105 < 9E-08 90-3E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A	.10G H NS .10G H EW .20G V	.18G H NS .18G H EW .30G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 168,80 ,341 RABDBE 128,39 ,316	
REAC.AUX.BLDG HVAC 0136 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-28(1B-SB) 07058 CCLCALC 10-13-82	BAHNSON BAHNSON 28SW6428DM 6066BT	AB11 215.	435105 < 9E-08 90-3E-08-20-S7	IEEE 344-75 ATSC CODE	A	.10G H NS .10G H EW .20G V	.18G H NS .18G H EW .30G V	X	NA	S	NA	NA	NA	NA	NA	RABOBE 168,80 ,341 RABDBE 128,39 ,316	
REAC.AUX.BLDG HVAC 0162 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-5 (1A-SA) 07079 RLNCE# 798-A-65	BAHNSON RELIANCE 213T	AB01 190.	435105 < 9E-08 90-3E-08-20-S5B	IEEE 344-75,33 4-74 323,74	A	.08G H NS .08G H EW .12G V	.17G H NS .17G H EW .23G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 183,88 ,282 RABDBE 139,51 ,241	

TAGS INCLUDED: AH-28(1B-SB) ----AH-5 (1A-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0162 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-5 (1A-SA) 07080 CCL#A-198-79-02	BAHNSON BAHNSON	A001 190.	435105 < 8E-08 90-3E-08-20-S1	IEEE 344-75 AS ME SE C-II, III	A	.08G H NS .08G H EW .12G V	.17G H NS .17G H EW .23G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 188,88 ,282 RABDBE 139,51 ,241	
REAC.AUX.BLDG HVAC 0162 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-5 (1B-SB) 07083 RLNCE# 798-A-65	BAHNSON RELIANCE 213T	A001 190.	435105 < 8E-08 90-3E-08-20-S58	IEEE 344-75,33 4-74, 323-74	A	.08G H NS .08G H EW .12G V	.17G H NS .17G H EW .23G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 188,88 ,282 RABDBE 139,51 ,241	
REAC.AUX.BLDG HVAC 0162 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-5 (1B-SB) 07084 CCL#A-198-79-02	BAHNSON BAHNSON	A001 190.	435105 < 8E-08 90-3E-08-20-S1	IEEE 344-75 AS ME SE C-II, III	A	.08G H NS .08G H EW .12G V	.17G H NS .17G H EW .23G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 188,88 ,282 RABDBE 139,51 ,241	
REAC.AUX.BLDG HVAC 0162 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-5 (1B-SB) 07082 CCLCALC 10-13-82	BAHNSON BAHNSON 213T	A001 190.	435105 < 8E-08 90-3E-08-20-S7	IEEE 344-75 ATSC CODE4	A	.08G H NS .08G H EW .12G V	.17G H NS .17G H EW .23G V	X	NA	S	NA	NA	NA	NA	NA	RABOBE 188,88 ,282 RABDBE 139,51 ,241	
REAC.AUX.BLDG HVAC 0162 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COILS	AH-5(1A-SA) 07073 CCL#A-205-79	BAHNSON CARRIER 28SW5432DM 6084BT	A001 190.	435105 < 8E-08 90-3E-08-20-S24	IEEE 344-75 AS ME SE C-II, III	A	.08G H NS .08G H EW .12G V	.17G H NS .17G H EW .23G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 188,88 ,282 RABDBE 139,51 ,241	
REAC.AUX.BLDG HVAC 0162 MOVES AIR	AIR HANDLING UNITS FAN	AH-5(1A-SA) 07074 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3024	A001 190.	435105 < 8E-08 90-3E-08-20-S28	IEEE 344-75 AS ME SE C-II, III	A	.08G H NS .08G H EW .12G V	.17G H NS .17G H EW .23G V	X	NA	NA	MF	MD	NA	NA	NA	RABOBE 188,88 ,282 RABDBE 139,51 ,241	

TAGS INCLUDED: AH-5 (1A-SA) ----AH-5(1A- SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA ORE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0162 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-5(1A-SA) 07078 10-13-82	BAHNSON BAHNSON 28SW5432DM 6084BT	AB01 190.	435105 < 8E-08 90-8E-08-20-S7	IEEE 344-75 AISC CODE	A	.08G H NS .08G H EW .12G V	.17G H NS .17G H EW .23G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 188,88 ,282 RABDBE 139,51 ,241	
REAC.AUX.BLDG HVAC 0162 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COILS	AH-5(1B-SB) 07075 CCL#A-205-79	BAHNSON CARRIER 28SW6432DM 6084BT	AB01 190.	435105 < 8E-08 90-8E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.08G H NS .08G H EW .12G V	.17G H NS .17G H EW .23G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 188,88 ,282 RABDBE 139,51 ,241	
REAC.AUX.BLDG HVAC 0162 CIRCULATE AIR	AIR HANDLING UNITS FAN	AH-5(1B-SB) 07076 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3024	???? 190.	435105 < 8E-08 90-8E-08-20-S3B	IEEE 344-75 AS MF SEC-II, III	A	.08G H NS .08G H EW .12G V	.17G H NS .17G H EW .23G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 188,88 ,282 RABDBE 139,51 ,241	
REAC.AUX.BLDG HVAC 0132 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COILS	AH-6 (1A-SA) 07085 CCL#A-205-79	BAHNSON CARRIER 28SW6416FK 6084BT 28SW6420FK 6084BT	AB21 235.	435105 < 8E-08 90-8E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	X	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0132 MOVES AIR	AIR HANDLING UNITS FAN	AH-6 (1A-SA) 07086 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3024	AB21 235.	435105 < 8E-08 90-8E-08-20-S3B	IEEE 344-75 AS MF SEC-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0132 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-6 (1A-SA) 07091 RLNCE# 79B-A-69A	BAHNSON RELIANCE 215T	AB21 235.	435105 < 8E-08 90-8E-08-20-S5F	IEEE 344-75,334 -74,3 23-74	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 160,72 ,337 RABDBE 116,27 ,310	

TAGS INCLUDED: AH-5(1A- SA) ----AH-6 (1A-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	LOAD INPUT ZPA SSE	LOAD INPUT SEI-SMIC	LOAD INPUT OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	QUALIFICATION METHOD TEST FREQ	QUALIFICATION METHOD TEST DIR	LOWEST NATURAL FREQUENCY F/B	LOWEST NATURAL FREQUENCY S/S	LOWEST NATURAL FREQUENCY V	FLOOR RESP. SPECTR	REMARKS
REAC.AUX.BLDG HVAC 0132 COOLING OF SPACE	AIR HANDLING UNITS	AH-6 (1A-SA) 07092 CCL#A-198-79-02	BAHNSON BAHNSON	AB21 235.	435105 < 8E-08 90-8E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A		.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0132 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-6 (1A-SA) 07090 CCLCALC 10-13-82	BAHNSON BAHNSON	AB21 235.	435105 < 8E-08 90-8E-08-20-S7	IEEE 344-75 ATSC CODE	A		.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0132 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COILS	AH-6 (1B-SB) 07087 CCL#A-205-79	BAHNSON CARRIER 28SW5416FK 6084BT 28SW5420FK 6084BT	AB21 235.	435105 < 8E-08 90-8E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A		.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	X	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0132 CIRCULATE AIR	AIR HANDLING UNITS FAN	AH-6 (1B-SB) 07088 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3024	AB21 235.	435105 < 8E-08 90-8E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A		.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0132 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-6 (1B-SB) 07095 RLNCE# 798-A-69A	BAHNSON RELIANCE 215T	AB21 235.	435105 < 8E-08 90-8E-08-20-SSF	IEEE 344-75,33 4-74, 323-74	A		.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0132 COOLING OF SPACE	AIR HANDLING UNITS	AH-6 (1B-SB) 07096 CCL#A-198-79-02	BAHNSON BAHNSON	AB21 235.	435105 < 8E-08 90-8E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A		.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	X	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	

TAGS INCLUDED: AH-6 (1A-SA) ----AH-6 (1B-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1103
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q I												
			MODEL NO	ELEV	SORT #														
REAC.AUX.BLDG HVAC 0132 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-6 (1B-SB) 07094 CCLCALC 10-13-82	BAHNSON BAHNSON	AB21 236.	435105 < 9E-08 90-9E-08-20-S7	IEEE 344-75 AISC CODE	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	NA	NA	NA	RAB0BE 160,72 ,337 RAB0BE 116,27 ,310	
REAC.AUX.BLDG HVAC 0133 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COILS	AH-7 (1A-SA) 07097 CCL#A-205-79	BAHNSON 28SW6416FK 6084BT 3024	AB21 236.	435105 < 9E-08 90-9E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	X	NA	NA	NA	NA	NA	RAB0BE 160,72 ,337 RAB0BE 116,27 ,310	
REAC.AUX.BLDG HVAC 0133 REMOTE INDICATION OFDOOR POSITION TI	AIR HANDLING UNITS FAN	AH-7 (1A-SA) 07098 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3024	AB21 236.	435105 < 9E-08 90-9E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	NA	MF	MD	NA	NA	NA	RAB0BE 160,72 ,337 RAB0BE 116,27 ,310	
REAC.AUX.BLDG HVAC 0133 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-7 (1A-SA) 07103 RLNCE# 798-A-69A	BAHNSON RELIANCE 215T	AB21 236.	435105 < 9E-08 90-9E-08-20-S5F	IEEE 344-75,334 -74,3 23-74	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RAB0BE 160,72 ,337 RAB0BE 116,27 ,310	
REAC.AUX.BLDG HVAC 0133 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-7 (1A-SA) 07104 CCL#A-198-79-02	BAHNSON BAHNSON	AB21 236.	435105 < 9E-08 90-9E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	X	NA	NA	NA	NA	NA	RAB0BE 160,72 ,337 RAB0BE 116,27 ,310	
REAC.AUX.BLDG HVAC 0133 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-7 (1A-SA) 07102 CCLCALC 10-13-82	BAHNSON BAHNSON	AB21 236.	435105 < 9E-08 90-9E-08-20-S7	IEEE 344-75 AISC CODE	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	NA	NA	NA	RAB0BE 160,72 ,337 RAB0BE 116,27 ,310	

TAGS INCLUDED: AH-6 (1B-SB) ----AH-7 (1B-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0133 COOL AIR FOR E SF AHU	AIR HAND LING UNI TS COOLING COIL	AH-7 (1B-SB) 07099 CCL#A-205-79	BAHNSON CARRIER 28SW6416FK 6084FK 28SW6420FK 6084FK	AB21 236.	435105 < BE-08 90-BE-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A		.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	X	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0133 CIRCULATE AIR	AIR HAND LING UNI TS FAN	AH-7 (1B-SB) 07100 WESTEL956 & ADD NO1	WESTINGHOUSE 3024	AB21 236.	435105 < BE-08 90-BE-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A		.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0133 DRIVE FAN	AIR HAND LING UNI TS MOTOR	AH-7 (1B-SB) 07107 RLNCE# 798-A-69A	BAHNSON RELIANCE 215T	AB21 236.	435105 < BE-08 90-BE-08-20-S5F	IEEE 344-75,344 -74,3 23-74	A		.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0133 DRAIN FOR COOL ING COIL	AIR HAND LING UNI TS DRAIN MANIFOLD	AH-7 (1B-SB) 07106 CCLCALC 10-13-82	BAHNSON BAHNSON	AB21 236.	435105 < BE-08 90-BE-08-20-S7	IEEE 344-75 AISC CODE III	A		.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0133 COOLING OF SPACE	AIR HAND LING UNI TS AIR HAND LING UNIT	AH-7(1B-SB) 07108 CCL#A-198-79-02	BAHNSON BAHNSON	AB21 236.	435105 < BE-08 90-BE-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A		.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	X	NA	NA	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0092 CIRCULATE AIR	AIR HAND LING UNI TS FAN	AH-8 (1X-SB) 07110 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3018	AB21 251.	435105 < BE-08 90-BE-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A		.20G H NS .20G H EW .30G V	.32G H NS .32G H EW .50G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 156,63 ,333 RABDBE 110,81 ,304	

TAGS INCLUDED: AH-7 (1B-SB) ----AH-8 (1X-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ORE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0092 DRIVE FAN	AIR HAND LING UNI TS MOTOR	AH-8 (1X-SB) 07113 RLNCE# 798-A-76A	BAHNSON RELIANCE 184T	AB21 251.	435105 < 8E-08 90-8E-08-20-S5J	IEEE 344-75,334 -74,323-74	A		.20G H NS .20G H EW .30G V	.32G H NS .32G H EW .50G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 96,45, 220 RABDBE 73,22, 203	
REAC.AUX.BLDG HVAC 0092 COOL AIR FOR ESF AHU	AIR HAND LING UNI TS COOLING COILS	AH-8 (1X-SB) 07109 CCL#A-205-79	BAHNSON CARRIER 28SW5424GK 6066BT	AB21 251.	435105 < 8E-08 90-8E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A		.20G H NS .20G H EW .30G V	.32G H NS .32G H EW .50G V	X	X	X	NA	NA	NA	NA	NA	RABDBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0092 COOLING OFSER. WATERPUMP	AIR HAND LING UNI TS AIR HAND LING UNI T	AH-8 (1X-SB) 07114 CCL#A-198-79-02	BAHNSON BAHNSON 28SW5424GK 6066BT	AB21 251.	435105 < 8E-08 90-8E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A		.20G H NS .20G H EW .30G V	.32G H NS .32G H EW .50G V	X	X	X	NA	NA	NA	NA	NA	RABDBE 96,45, 220 RABDBE 73,22, 203	
REAC.AUX.BLDG HVAC 0092 COOL AIR FOR ESF AHU	AIR HAND LING UNI TS DRAIN MANIFOLD	AH-8 (1X-SB) 07112 CCLCALC 10-13-82	BAHNSON BAHNSON 251.	AB21	435105 < 8E-08 90-8E-08-20-S7	IEEE 344-75 ATSC CODE	A		.20G H NS .20G H EW .30G V	.32G H NS .32G H EW .50G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0134 MOVES AIR	AIR HAND LING UNI TS FAN	AH-9(1A-SA) 07152 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3018	AB21 247.	435105 < 8E-08 90-8E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A		.20G H NS .18G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0134 DRIVE FAN	AIR HAND LING UNI TS MOTOR	AH-9(1A-SA) 07157 RLNCE# 798-A-66A	BAHNSON RELIANCE 247.	AB21	435105 < 8E-08 90-8E-08-20-S5C	IEEE 344-75,334 -74,323-74	A		.20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 156,68 ,333 RABDBE 110,81 ,304	

TAGS INCLUDED: AH-8 (1X-SB) ----AH-9(1A- SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1106
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE.	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STOS	Q I												
REAC.AUX.BLDG HVAC 0135 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COILS	AH-9(1A-SA) 07151 CCL#A-205-79	BAHNSON CARRIER 28SW5424FK 6066BT	AB21 247.	435105 < 8E-08 90-8E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V .20G H NS .18G H EW .40G V	.21G H NS .21G H EW .70G V .21G H NS .21G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0134 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-9(1A-SA) 07158 CCL#A-198-79-02	BAHNSON BAHNSON	247.	435105 < 8E-08 90-8E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A	.20G H NS .18G H EW .40G V .20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V .34G H NS .30G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0134 COOL AIR FOR ESF AHU	AIR HANDLING UNITS DRAIN MANIFOLD	AH-9(1A-SA) 07156 CCLCALC 10-13-82	BAHNSON BAHNSON	247.	435105 < 8E-08 90-8E-08-20-S7	IEEE 344-75 A1SC CODE	A	.20G H NS .18G H EW .40G V .20G H NS .18G H EW .40G V	.34G H NS .30G H EW .60G V .34G H NS .30G H EW .60G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 156,68 ,333 RABDBE 110,81 ,304	
REAC.AUX.BLDG HVAC 0134 MOVES AIR	AIR HANDLING UNITS FAN	AH-9(1B-SB) 07154 WESTEL956 & ADD N01	BAHNSON WESTINGHOUSE 3018	235.	435105 < 8E-08 90-8E-08-20-S3B	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V .12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V .21G H NS .21G H EW .70G V	X	NA	NA	MF	MD	NA	NA	NA	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0134 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-9(1B-SB) 07161 RLNCE# 798-A126A	BAHNSON BAHNSON 213 T	235.	435105 < 8E-08 90-8E-08-20-S5P	IEEE 344-75,334 -74,3 23-74	A	.12G H NS .12G H EW .40G V .12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V .21G H NS .21G H EW .70G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 160,72 ,337 RABDBE 116,27 ,310	
REAC.AUX.BLDG HVAC 0134 REMOTE INDICATION OFDOOR POSITION TI	AIR HANDLING UNITS COOLING COILS	AH-9(1B-SB) 07153 CCL#A-205-79	BAHNSON CARRIER 28SW5424FK 6066BT	AB21 235.	435105 < 8E-08 90-8E-08-20-S2A	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V .12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V .21G H NS .21G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 160,72 .337 RABDBE 116,27 ,310	

TAGS INCLUDED: AH-9(1A- SA) ----AH-9(1B- SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- J 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0134 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-9(1B-SB) 07162 CCL#A-198-79-02	BAHNSON BAHNSON	AB21 236.	435105 < 3E-08 90-9E-08-20-S1	IEEE 344-75 AS ME SEC-II, III	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	X	SD	NA	NA	NA	NA	NA	RABOBE 160,72,337 RABDBE 116,27,310	
REAC.AUX.BLDG HVAC 0134 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-9(1B-SB) 07160 CCLCALC 10-13-82	BAHNSON BAHNSON 28SW5424FK 6066BT	AB21 236.	435105 < 3E-08 90-9E-08-20-S7	IEEE 344-75 AISC CODE	A	.12G H NS .12G H EW .40G V	.21G H NS .21G H EW .70G V	X	NA	S	NA	NA	NA	NA	NA	RABOBE 160,72,337 RABDBE 116,27,310	
REAC.AUX.BLDG HVAC 0034 MOVES AIR	AIR HANDLING UNITS FAN	AH-92(1A-SA) 07164 CCL#A-518-82	BAHNSON BARRY BLOWER 135 BI SERIES 40	AB41 284.	435105 < 3E-08 90-9E-08-20-S3A	IEEE 344-75 AS ME SEC-II, III	A	.25G H NS .25G H EW .30G V	.45G H NS .40G H EW .60G V	X	NA	SD	NA	NA	NA	NA	NA	RABOBE 92,41,216 RABDBE 67,16,197	SEIS QUAL PRO RPT# CCL#A-491-82
REAC.AUX.BLDG HVAC 0034 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-92(1A-SA) 07169 RLNCE# 828-A-26	BAHNSON RELIANCE 184T	AB41 286.	435105 3E-08 90-9E-08-20-S4C	IEEE 344-75,334 -74,3 23-74	A	.25G H NS .25G H EW .30G V	.45G H NS .40G H EW .60G V	X	N	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 92,41,216 RABDBE 67,16,197	
REAC.AUX.BLDG HVAC 0034 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-92(1A-SA) 07163 AER-#A-529-108	BAHNSON AEROFIN TYPE RC	AB41 284.	435105 3E-08 90-9E-08-20-S2B	IEEE 344-75 AS ME SEC-II, III	A	.25G H NS .25G H EW .30G V	.45G H NS .40G H EW .60G V	X	NA	S	>33 HZ	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 92,41,216 RABDBE 67,16,197	
REAC.AUX.BLDG HVAC 0034 DRAIN FOR COOLING COIL	AIR HANDLING UNITS DRAIN MANIFOLD	AH-92(1A-SA) 07168 CCLCALC 10-13-82	BAHNSON BAHNSON	AB41 284.	435105 3E-08 90-9E-08-20-S7	IEEE 344-75 AISC CODE	A	.25G H NS .25G H EW .30G V	.45G H NS .40G H EW .60G V	X	NA	S	NA	NA	NA	NA	NA	RABOBE 92,41,216 RABDBE 67,16,197	

TAGS INCLUDED: AH-9(1B- SB) ----AH-92(1B-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1108
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #		Q I												
REAC.AUX.BLDG HVAC 0034 COOLING OF SPACE	AIR HANDLING UNIT	AH-92(1B-SA) 07170 CCL#A-511-82	BAHNSON BAHNSON	AB41 286.	435105 9E-08 90-9E-08-20-S18	IEEE 344-75 AS ME SEC-II, III	A	.25G H NS .25G H EW .30G V	.45G H NS .40G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 92,41, 216 RABDBE 67,16, 197	
REAC.AUX.BLDG HVAC 0034 MOVES AIR	AIR HANDLING UNIT FAN	AH-92(1B-SB) 07166 CCL#A-518-82	BAHNSON BARRY BLOWER 135 BI SERIES 40	AB41 286.	435105 9E-08 90-9E-08-20-S3A	IEEE 344-75 AS ME SEC-II, III	A	.25G H NS .25G H EW .30G V	.45G H NS .40G H EW .60G V	X	NA	SD	NA	NA	NA	NA	NA	RABDBE 92,41, 216 RABDBE 67,16, 197	SEIS QUAL PRO RPT# CCL#A-491-82
REAC.AUX.BLDG HVAC 0034 DRAIN FOR COOLING COIL	AIR HANDLING UNIT DRAIN MANIFOLD	AH-92(1B-SB) 07172 CCLCALC 10-13-82	BAHNSON BAHNSON	AB41 286.	435105 9E-08 90-9E-08-20-S7	IEEE 344-75 AISC CODE	A	.25G H NS .25G H EW .30G V	.45G H NS .40G H EW .60G V	X	NA	S	NA	NA	NA	NA	NA	RABDBE 92,41, 216 RABDBE 67,16, 197	
REAC.AUX.BLDG HVAC 0034 DRIVE FAN	AIR HANDLING UNIT MOTOR	AH-92(1B-SB) 07173 RLNCE# 828-A-26	BAHNSON RELIANCE 184T	AB41 286.	435105 9E-08 90-9E-08-20-S4C	IEEE 344-75,334 -74,323-74	A	.25G H NS .25G H EW .30G V	.45G H NS .40G H EW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 92,41, 216 RABDBE 67,16, 197	
REAC.AUX.BLDG HVAC 0034 COOLING OF SPACE	AIR HANDLING UNIT	AH-92(1B-SB) 07174 CCL#A-511-82	BAHNSON BAHNSON TYPE RC	AB41 286.	435105 9E-08 90-9E-08-20-S13	IEEE 344-75 AS ME SEC-II, III	A	.25G H NS .25G H EW .30G V	.45G H NS .40G H EW .60G V	X	X	SD	NA	NA	NA	NA	NA	RABDBE 92,41, 216 RABDBE 67,16, 197	
REAC.AUX.BLDG HVAC 0034 COOL AIR FOR ESF AHU	AIR HANDLING UNIT COOLING COIL	AH-92(1B-SB) 07165 AER-#A-529-108	BAHNSON AEROFIN TYPE RC	AB41 286.	435105 9E-08 90-9E-08-20-S2B	IEEE 344-75 AS ME SEC-II, III	A	.25G H NS .25G H EW .30G V	.45G H NS .40G H EW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 92,41, 216 RABDBE 67,16, 97	

TAGS INCLUDED: AH-92(1B-SA) ----AH-93(1X-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0157 CIRCULATE AIR	AIR HANDLING UNITS FAN	AH-93(1X-SA) 07176 CCL#A-518-82	BAHNSON BARRY BLOWER 135 BI SERIES 40	AB52 305.	435105 9E-08 90-9E-08-20-S34	IEEE 344-75 AS ME SEC-II, III	A	.35G H NS .35G H EW .50G V	.55G H NS .55G H EW .80G V	X	NA	SD	NA	NA	NA	NA	NA	RABOBE 148,60,305 RABDBE 98,9, 292A	
REAC.AUX.BLDG HVAC CD0157 DRIVE FAN OF AIR HANDLING UNIT	AIR HANDLING UNITS DRAIN MANIFOLD	AH-93(1X-SA) 07178	BAHNSON BAHNSON 6-YF-88308 3	AB52 305.	435105 9E-08 90-9E-08-20-S7	IEEE 344-75 AISC CODE	A	.35G H NS .35G H EW .50G V	.55G H NS .55G H EW .80G V	X	NA	S	NA	NA	NA	NA	NA	RABOBE 148,60,305 RABDBE 98,9, 292A	
REAC.AUX.BLDG HVAC 0157 DRIVE FAN	AIR HANDLING UNITS MOTOR	AH-93(1X-SA) 07179 RLNCE# 828-A-27	BAHNSON RELIANCE 184T	AB51 305.	435105 9E-08 90-9E-08-20-S40	IEEE 344-75,334 -74,3 23-74	A	.35G H NS .35G H EW .50G V	.55G H NS .55G H EW .80G V	X	NA	S	>33 HZ	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 148,60,305 RABDBE 98,9, 292A	
REAC.AUX.BLDG HVAC 0157 COOL AIR FOR ESF AHU	AIR HANDLING UNITS COOLING COIL	AH-93(1X-SA) 07175 AER-#A-529-108	BAHNSON AEROFIN TYPE RC	AB52 305.	435105 9E-08 90-9E-08-20-S28	IEEE 344-75 AS ME SEC-II, III	A	.35G H NS .35G H EW .50G V	.55G H NS .55G H EW .80G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 148,60,305 RABDBE 98,9, 292A	
REAC.AUX.BLDG HVAC 0157 COOLING OF SPACE	AIR HANDLING UNITS AIR HANDLING UNIT	AH-93(1X-SA) 07180 CCL#A-511-82	BAHNSON BAHNSON 6-YF-88308 3	AB52 305.	435105 9E-08 90-9E-08-20-S18	IEEE 344-75 AS ME SEC-II, III	A	.35G H NS .35G H EW .50G V	.55G H NS .55G H EW .80G V	X	X	S	NA	NA	NA	NA	NA	RABOBE 148,60,305 RABDBE 98,9, 292A	

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1110
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS-
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I												
REAC.AUX.BLDG HVAC AV0046 RAB EMER FLTR HI SELECT	ANNUNCIA TORS PRESSURE SIG.CON D.OR FUN	PDY 1AV48 34A SA 00493 ESE-13	WESTINGH'S E WISD NSA4	AB52 PIC- C13 305.	435002 4-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191 212	PDY4834A
REAC.AUX.BLDG HVAC AV0046 RAB EMER FLTR HI SELECT	ANNUNCIA TORS PRESSURE SIG.CON D.OR FUN	PDY 1AV48 34B SB 00494 ESE-13	WESTINGH'S E WISD NSA4	AB52 PIC- C14 305.	435002 4-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191, 212	PDY4834B

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITN	QUAL CODES	STA TUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST FEP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
REAC.AUX.BLDG HVAC 0150 RAB EMER FLTR E6 DISCH FLOW	CONTROL DEVICES FLOW SWITCH	FS 1AV 4842A S 00520 708048	N/A FLUID COMPONENT FR-72-4	FH31 DUCT MTD 261.	435267 1 IN35 IN35-20	IEEE 344-75	A		4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTED IN NATURAL FREQ.
REAC.AUX.BLDG HVAC AV0046 RAB EMER FLTR E6 DISCH FLOW	CONTROL DEVICES FLOW SWITCH	FS 1AV 4842B S 00521 708048	N/A FLUID COMPONENT FR-72-4	FH31 DUCT MTD 261.	435267 2 IN35 IN35-20	IEEE 344-75	A		4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTED IN NATURAL FREQ.
REAC.AUX.BLDG HVAC 0158 RAB STM TUNNEL N	CONTROL DEVICES FLOW SWITCH	FS 1AV 4842A S 00528 708048	N/A FLUID COMPONENT FR-72-4	AB41 DUCT MTD 286.	435267 3 IN35 IN35-20	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
REAC.AUX.BLDG HVAC 0158 RAB STM TUNNEL N	CONTROL DEVICES FLOW SWITCH	FS 1AV 4842B S 00529 708048	N/A FLUID COMPONENT FR-72-4	AB51 DUCT MTD 310.	435267 4 IN35 IN35-20	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
REAC.AUX.BLDG HVAC 0156 PROT & REPAIR AH16 1A-SA FAN DINC FLOW	CONTROL DEVICES FLOW SWITCH	FS 1AV 6613A S 01474 708048	N/A FLUID COMPONENT FR-72-4	AB52 DUCT MTD 315.	435267 123 IN35 IN35-20	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
REAC.AUX.BLDG HVAC 0156 PROT & REPAIR AH16 1B-SB FAN DINC FLOW	CONTROL DEVICES FLOW SWITCH	FS 1AV 6613B S 01475 708048	N/A FLUID COMPONENT FR-72-4	AB52 DUCT MTD 315.	435267 124 IN35 IN35-20	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.

TAGS INCLUDED: FS 1AV 4842A S ----FS 1AV 6615 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0156 PROTECT & REPAIR EXH FN LO FLNW	CONTROL DEVICES FLOW SWITCH	FS 1AV 6615 S 01478 708048	N/A FLUID COMPONENT FR-72-4	AB52 DUCT MTD 321.	435267 7 IN35 IN35-20	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
REAC.AUX.BLDG HVAC 0159 SW GEAR AH12 1A-SA FAN DISC FLON	CONTROL DEVICES FLOW SWITCH	FS 1AV 6632 SA 01492 708048	N/A FLUID COMPONENT FR-72-4	AB43 DUCT MTD 295.	435267 9 IN35 IN35-20	IEEE 344-75 323-74	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
REAC.AUX.BLDG HVAC 0159 SW GEAR A AC EXH E28 SA DISC NLOW	CONTROL DEVICES FLOW SWITCH	FS 1AV 6635 SA 01506 708048	N/A FLUID COMPONENT FR-72-4	AB43 DUCT MTD 295.	435267 10 IN35 IN35-20	IEEE 344-75 323-74	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
REAC.AUX.BLDG HVAC 0171 SW GEAR AH13 1B-SB FAN DISC FLON	CONTROL DEVICES FLOW SWITCH	FS 1AV 6642 SB 01510 708048	N/A FLUID COMPONENT FR-72-4	AB43 DUCT MTD 295.	435267 11 IN35 IN35-20	IEEE 344-75 323-74	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
REAC.AUX.BLDG HVAC 0171 SW GEAR B AC EXH E29 SB DISC NLOW	CONTROL DEVICES FLOW SWITCH	FS 1AV 6645 SB 01523 708048	N/A FLUID COMPONENT FR-72-4	AB43 DUCT MTD 295.	435267 12 IN35 IN35-20	IEEE 344-75 323-74	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
REAC.AUX.BLDG HVAC 0163 E-6(1A-SA) CHAR FLTR HUMIDITM SENSOR	CONTROL DEVICES HUMID.MISC PRIMARY ELEME	ME 1AV 4839A S 0C959 DTB 04 R7 6-0146	CTI-NUCLEAR AMER INST CORP. 15-2039 BM	SKID MTD	435162 4 BE31 20-BF-31-20-S7	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	FH9-03 E;23,91,155, FH9-09 E;34,136,232	

TAGS INCLUDED: FS 1AV 6615 S ----ME 1AV 4839B S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG	CONTROL	ME 1AV 48	CTI-NUCLEA	AB31	435162	IEEE	A	D	0.30	0.50	X	NA	NA	SF	MD	>33	>33	>33	FHB-08	
HVAC	DEVICES	39B S	R	HR2NT		344-7			G NS	G NS						HZ	HZ	HZ	E;23,9	
0163		00960	AMER INST	L MTD	3E31	5			0.20	0.40									1,155,	
E-6(1B-SB)	HUMID.MI	DTB 04 R7	CORP		90-3E-				G EW	G EW									FHB-08	
CHAR FLTR HUMI	SC PRIMA	6 0146	15-2039 BM	261.	31-20-				0.30	0.40									E;34,1	
DITN SENSOR	RY ELEME				S7				G V	G V									36,232	
REAC.AUX.BLDG	CONTROL	PDS 1AV48	CTI-NUCLEA	AB31	435162	IEEE	A	C	0.30	0.50	X	NA	NA	MF	MD	20	20		FHB-08	
HVAC	DEVICES	37A S	R	CASNG		344-			G NS	G NS						HZ	HZ		E;23,9	
0163		00951	DWYER	MTD	3E31	75			0.20	0.40									1,155.	
E-6(1A-SA)	PRESSURE	#20301			90-3E-				G EW	G EW									FHB-08	
FLTR DIFF	SWITCH	#58235	1627.5	261.	31-20-				0.30	0.40									E;34,1	
PRESS ALARM					S13				G V	G V									36,232	
REAC.AUX.BLDG	CONTROL	PDS 1AV48	CTI-NUCLEA		435162	IEEE	A	C	0.30	0.50	X	NA	NA	MF	MD	20	20		FHB-08	
HVAC	DEVICES	37BS	R	SKID	3	344-			G NS	G NS						HZ	HZ		E;23,9	
0163		00950	DWYER	MTD	3E31	75			0.20	0.40									1,155.	
RAB EMER FLTR	PRESSURE	#20301			90-3E-				G EW	G EW									FHB-08	
E6 MED FLTR	SWITCH	#58235	1627-5		31-20-				0.30	0.40									E;34,1	
DIFF PRES					S13				G V	G V									36,232	
REAC.AUX.BLDG	CONTROL	PDS 1AV48	CTI-NUCLEA	AB31	435162	IEEE	A	C	0.30	0.50	X	NA	NA	MF	MD	20	20		FHB-08	
HVAC	DEVICES	38AS	R	SKID	3	344-			G NS	G NS						HZ	HZ		E;23,9	
0163		00956	DWYER	MTD	3E31	75			0.20	0.40									1,155,	
E-6(1A-SA)	PRESSURE	#58235			90-3E-				G EW	G EW									FHB-08	
HEPAFLTR DIFF	SWITCH	#20301	1627-5	261.	31-20-				0.30	0.40									E;34,1	
PRES ALARM					S13				G V	G V									36,232	
REAC.AUX.BLDG	CONTROL	PDS 1AV48	CTI-NUCLEA	FH31	435162	IEEE	A	C	0.30	0.50	X	NA	NA	MF	MD	20	20		FHB-08	
HVAC	DEVICES	38BS	R	SKID	3	344-			G NS	G NS						HZ	HZ		E;23,9	
0163		00503	DWYER	MTD	3E31	75			0.20	0.40									1,155,	
E-6 (1B-SB)	PRESSURE	#58235			90-3E-				G EW	G EW									FHB-08	
HEPAFLTR DIFF	SWITCH	#20301	1627-5	261.	31-20-				0.30	0.40									E;34,1	
PREM ALARM					S13				G V	G V									36,232	
REAC.AUX.BLDG	CONTROL	PDS 1AV48	CTI-NUCLEA	FH31	435162	IEEE	A	C	0.30	0.50	X	NA	NA	MF	MD	20	20		FHB-08	
HVAC	DEVICES	43A SA	R	CASNG		344-			G NS	G NS						HZ	HZ		E;23,9	
0163		00981	DWYER	MTD	3E31	75			0.20	0.40									1,155,	
FAN E-6(1A-SA)	PRESSURE	#58235			90-3E-				G EW	G EW									FHB-08	
OVERALL FILT	SWITCH	#20301	1627-10	261.	31-20-				0.30	0.40									E;34,1	
DP ALARM					S13				G V	G V									36,232	

TAGS INCLUDED: ME 1AV 4839B S ----PDS 1AV4843BS
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0163 E-6(1B-SB) OVERALL DIFF PRES ALARM	CONTROL DEVICES / PRESSURE SWITCH	PDS 1AV4843BS 00980 / #58235 #20301	CTI-NUCLEAR DWYER 1627-10	AB31 SKID MTD 261.	435162 3 RE31 99-RE-31-20-S13	IEEE 344-75	A		0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FH8-DB E;23,91,155, FH8-DB E;34,136,232	
REAC.AUX.BLDG HVAC AV0046 RHR PMP ROOM A H-5 1A-SA AREA TEMP	CONTROL DEVICES / TEMPERATURE SWITCH	TS 1AV 6502A1 SA 01139 ESE-13	WESTINGH'SE WISD NAL2	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG #
REAC.AUX.BLDG HVAC AV0046 RHR PMP ROOM A H-5 1A-SA AREA TEMP	CONTROL DEVICES / TEMPERATURE SWITCH	TS 1AV 6502A2 SA 01141 ESE-13	WESTINGH'SE WISD NAL2	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG #
REAC.AUX.BLDG HVAC AV0046 RHR PMP ROOM A H-5 1B-SB AREA TEMP	CONTROL DEVICES / TEMPERATURE SWITCH	TS 1AV 6502B1 SB 01140 ESE-13	WESTINGH'SE WISD NAL2	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG #
REAC.AUX.BLDG HVAC AV0046 RHR PMP ROOM A H-5 1B-SB AREA TEMP	CONTROL DEVICES / TEMPERATURE SWITCH	TS 1AV 6502B2 SB 01142 ESE-13	WESTINGH'SE WISD NAL2	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG #
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-6 1A-SA AREA TEMP	CONTROL DEVICES / TEMPERATURE SWITCH	TS 1AV 6507A1 SA 01160 ESE-13	WESTINGH'SE WISD NAL2 WSO-3	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG #

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-6 1A-SA ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 C7A2 SA 01158 ESE-13	WESTINGH'S E WISD NAL2	AB52 P1C- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,83 212 10,60 191	NO WECO TAG NO.
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-6 1B-SB ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 C7B1 SB 01157 ESE-13	WESTINGH'S E WISD NAL2	AB52 P1C- C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	NO WECO TAG NO.
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-6 1B-SB ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 C7B2 SB 01159 ESE-13	WESTINGH'S E WISD NAL2	AB52 P1C- C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	NO WECO TAG NO.
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-7 1A-SA ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 12A1 SA 01178 ESE-13	WESTINGH'S E WISD NAL2 WSO-3	AB52 P1C- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	NO WECO TAG NO.
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-7 1A-SA ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 12A2 SA 01177 ESE-13	WESTINGH'S E WISD NAL2	AB52 P1C- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 37,88 212 10,60 191	NO WECO TAG NO.
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-7 1B-SB ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 12B1 SB 01175 ESE-13	WESTINGH'S E WISD NAL2	AB52 P1C- C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	NO WECO TAG #

TAGS INCLUDED: TS 1AV 6507A2 S----TS 1AV 651282 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-7 1B-SB AREA TEMP	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 65 1282 SB 01176 ESE-13 NAL2	WESTINGH'S E WISD NAL2	AB52 P1C-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88,212 10,60,191	NO WECO TAG #
REAC.AUX.BLDG HVAC AV0046 SW BSTR PMP AREA AH-8 1X-SB AREA TEM	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 65 17X1 SB 01191 ESE-13 NAL2	WESTINGH'S E WISD NAL2	AB52 P1C-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG #
REAC.AUX.BLDG HVAC AV0046 SW BSTR PMP AREA AH-8 1X-SB AREA TEM	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 65 17X2 SB 01190 ESE-13 NAL2	WESTINGH'S E WISD NAL2	AB52 P1C-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG #
REAC.AUX.BLDG HVAC AV0046 CHRGNG PMP RM AH-9 1A-SA AREA TEMP	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 65 22A1 SA C1205 ESE-13 NAL2	WESTINGH'S E WISD	AB52 P1C-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 37,88 212 10,60 191	NO WECO TAG #
REAC.AUX.BLDG HVAC AV0046 CHRGNG PMP RM AH-9 1A-SA AREA TEMP	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 65 22A2 SA 01206 ESE-13 NAL2	WESTINGH'S E WISD NAL2	AB52 P1C-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG #
REAC.AUX.BLDG HVAC AV0046 CHRGNG PMP RM AH-9 1B-SB AREA TEMP	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 65 22B1 SB 01207 ESE-13 NAL2	WESTINGH'S E WISD NAL2	AB52 P1C-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WACO TAG #

TAGS INCLUDED: TS 1AV 6512B2 S----TS 1AV 6522B2 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG	CONTROL	TS 1AV 65	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	NO WACO
HVAC	DEVICES	2282 SB	E	P1C-		323-7										HZ	HZ	HZ	37,88	TAG #
AV0046		01208	WISD	C14	A-02	4,344													212	
CHRGNG PMP RM	TEMPERAT	ESE-13				-75													10,60	
AH-9 18-SB ARE	URE SWIT		NAL2	305.															191	
A TEMP	CH																			
REAC.AUX.BLDG	CONTROL	TS 1AV 65	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	NO WACO
HVAC	DEVICES	27A1 SA	E	P1C-		323-7										HZ	HZ	HZ	37,88	TAG #
AV0046		01223	WISD	C13	A-02	4,344													212	
CHRGNG PMP RM	TEMPERAT	ESE-13				-75													10,60	
AH-101A-SA ARE	URE SWIT		NAL2	305.															191	
A TEMP	CH																			
REAC.AUX.BLDG	CONTROL	TS 1AV 65	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	NO WECO
HVAC	DEVICES	27A2 SA	E	P1C-		323-7										HZ	HZ	HZ	37,88	TAG #
AV0046		01225	WISD	C13	A-02	4,344													212	
CHRGNG PMP RM	TEMPERAT	ESE-13				-75													10,60	
AH-101A-SA ARE	URE SWIT		NAL2	305.															191	
A TEMP	CH		WSO-3																	
REAC.AUX.BLDG	CONTROL	TS 1AV 65	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	
HVAC	DEVICES	27B1 SB	E	P1C-		323-7										HZ	HZ	HZ	37,88	TS6532A
AV0046		01224	WISD	C14	A-02	4,344													212	
CHRGNG PMP RM	TEMPERAT	ESE-13				-75													10,60	
AH-101B-SB ARE	URE SWIT		NAL2	305.															191	
A TEMP	CH																			
REAC.AUX.BLDG	CONTROL	TS 1AV 65	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	NO WECO
HVAC	DEVICES	27B2 SB	E	P1C-		323-7										HZ	HZ	HZ	37,88	TAG #
AV0046		01226	WISD	C14	A-02	4,344													212	
CHRGNG PMP RM	TEMPERAT	ESE-13				-75													10,60	
AH-101B-SB ARE	URE SWIT		NAL2	305.															191	
A TEMP	CH																			
REAC.AUX.BLDG	CONTROL	TS 1AV 65	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12	TS6532A1
HVAC	DEVICES	32A1 SA	E	P1C-		323-7										HZ	HZ	HZ	37,88,	
AV0046		01242	WISD	C13	A-02	4,344													212,	
MECH PENTRTN A	TEMPERAT	ESE-13				-75													10,60,	
H-11 1A-SA ARE	URE SWIT		NAL2	305.															191	
A TEMP	CH																			

TAGS INCLUDED: TS 1AV 6522B2 S----TS 1AV 6532A2 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 MECH PENTRTN A H-11 1A-SA AREA TEMP	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 65 32A2 SA 01241 ESE-13	WESTINGH'S E WISD NAL2	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6532A2
REAC.AUX.BLDG HVAC AV0046 MECH PENTRTN A H-11 1B-SB AREA TEMP	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 65 32B1 SB 01243 ESE-13	WESTINGH'S E WISD NAL2	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6532B1
REAC.AUX.BLDG HVAC AV0046 MECH PENTRTN A H-11 1B-SB AREA TEMP	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 65 32B2 SB 01244 ESE-13	WESTINGH'S E WISD NAL2	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6532B2
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 SA S PENT FUEL POOL PMP AREA TEMP	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 65 37A SA 01269 ESE-13	WESTINGH'S E WISD NAL2	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6537A
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 SB S PENT FUEL POOL PMP AREA TEMP	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 65 37B SB 01270 ESE-13	WESTINGH'S E WISD NAL1	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6537B
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HVAC CHILLER AH19 ASA AREA	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 65 42A1 SA 01291 ESE-13	WESTINGH'S E WISD NAL2(ND-B)	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 37,88, 212, 10,60, 191	TS6542A1

TAGS INCLUDED: TS 1AV 6532A2 S----TS 1AV 6542A2 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ZPA										
			MODEL NO	ELEV	SORT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHILLER AH1 9 ASA AREA	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 42A2 SA 01292 ESE-13	WESTINGH'S E WISD NAL2(NE-B)	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6542A2
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHILLER AH1 9 BSB AREA	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 42B1 SB 01294 ESE-13	WESTINGH'S E WISD NAL2(ND-B)	AB52 PIC C-14 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6542B1
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHILLER AH1 9 BSB AREA	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 42B2 SB 01293 ESE-13	WESTINGH'S E WISD NAL2(NE-B)	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6542B2
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHILLER AH2 0 ASA AREA	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 47A1 SA 01310 ESE-13	WESTINGH'S E WISD NAL2(ND-B)	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6547A1
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHILLER AH2 0 ASA AREA	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 47A2 SA 01312 ESE-13	WESTINGH'S E WISD NAL2(NE-B) WSO-3	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6547A2
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHILLER AH2 0 BSB AREA	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 47B1 SB 01311 ESE-13	WESTINGH'S E WISD NAL2(ND-B)	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6547B1

TAGS INCLUDED: TS 1AV 6542A2 S----TS 1AV 654782 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHILLER AH2 O BSB AREA	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 47B2 SB 01309 ESE-13	WESTINGH'S E WISD NAL2(ND-B)	AB52 PIC- C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TS6547B2
REAC.AUX.BLDG HVAC AV0046 ME&EE PENTRTN AH-231X-SA ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 52X1 SA 01323 ESE-13	WESTINGH'S E WISD NAL2(ND-B)	AB52 PIC- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TS6552X1
REAC.AUX.BLDG HVAC AV0046 ME&EE PENTRTN AH-231X-SA ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 52X2 SA 01322 ESE-13	WESTINGH'S E WISD NAL2(NE-B)	AB52 PIC- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TS6552X2
REAC.AUX.BLDG HVAC AV0046 ELEC PENTRTN A H-24 1X-SA ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 57X1 SA 01331 ESE-13	WESTINGH'S E WISD NAL2(ND-B)	AB52 PIC- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TS6557X1
REAC.AUX.BLDG HVAC AV0046 ELEC PENTRTN A H-24 1X-SA ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 57X2 SA 01332 ESE-13	WESTINGH'S E WISD NAL2(NE-B)	AB52 PIC- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TS6557X2
REAC.AUX.BLDG HVAC AV0046 ELEC PENTRTN A H-25 1X-SB ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 62X1 SB 01340 ESE-13	WESTINGH'S E WISD NAL2(ND-B)	AB52 PIC- C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TS6562X1

TAGS INCLUDED: TS 1AV 6547B2 S----TS 1AV 6562X2 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
REAC.AUX.BLDG HVAC AV0046 ELEC PENTRTN A H-25 1X-SB ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 62X2 SB 01341 ESE-13	WESTINGH'S E WISD NAL2(NE-B)	AB52 PIC- C14 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6562X2
REAC.AUX.BLDG HVAC AV0046 HVAC M.E. RM A H-26 1A-SA ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 67A1 SA 01355 ESE-13	WESTINGH'S E WISD NAL2(NE-B)	AB52 PIC- C13 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6567A1
REAC.AUX.BLDG HVAC AV0046 HVAC M.E. RM A H-26 1A-SA ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 67A2 SA 01358 ESE-13	WESTINGH'S E WISD NAL2(NE-B)	AB52 PIC- C13 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6567A2
REAC.AUX.BLDG HVAC AV0046 HVAC M.E. RM A H-26 1B-SB ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 67B1 SB G1357 ESE-13	WESTINGH'S E WISD NAL2(ND-B)	AB52 PIC- C14 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6567B1
REAC.AUX.BLDG HVAC AV0046 HVAC M.E. RM A H-26 1B-SB ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 67B2 SB 01356 ESE-13	WESTINGH'S E WISD TS6567B2	AB52 PIC- C14 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6567B2
REAC.AUX.BLDG HVAC AV0046 RAB PMP AREA AH-92 1A-SA AREA	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 74A1 SA 02475 ESE-13	WESTINGH'S E WISD NAL2	AB52 PIC- C13 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG NO.

TAGS INCLUDED: TS 1AV 6562X2 S----TS 1AV 6574A2 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 RAB PMP AREA AH-92 1A-SA N AREA	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 6574A2 SA 02476 ESE-13	WESTINGH'SE WISD NAL2	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG NO
REAC.AUX.BLDG HVAC AV0046 RAB PMP AREA AH-92 1B-SB AREA	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 6581 SB 02471 ESE-13	WESTINGH'SE WISD NAL2	AB52 PIC C 305.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG NO
REAC.AUX.BLDG HVAC AV0046 RAB PMP AREA AH-92 1B-SB AREA	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 6582 SB 02472 ESE-13	WESTINGH'SE WISD NAL2	AB52 PIC C 305.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG NO
REAC.AUX.BLDG HVAC AV0046 RAB PMP AREA AH-93 1X-SA AREA	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 6575X1 SA 02473 ESE-13	WESTINGH'SE WISD NAL2	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG NO
REAC.AUX.BLDG HVAC AV0046 RAB PMP AREA AH-93 1X-SA AREA	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 6575X2 SA 02474 ESE-13	WESTINGH'SE WISD NAL2	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344 -75	A			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	NO WECO TAG NO
REAC.AUX.BLDG HVAC AV0046 MECH PENTRTN AH-28 1A-SA AREA TEMP	CONTROL DEVICES TEMPERATURE SWITCH	TS 1AV 6577A1 SA 01392 ESE-13	WESTINGH'SE WISD NAL2(ND-B)	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6577A1

TAGS INCLUDED: TS 1AV 6574A2 S----TS 1AV 6577A2 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SQRT #		Q	I												
REAC.AUX.BLDG HVAC AV0046 MECH PENTRTN A H-28 1A-SA ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 77A2 SA 01393 ESE-13	WESTINGH'S E WISD NAL2(NE-B)	AB52 PIC-C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6577A2
REAC.AUX.BLDG HVAC AV0046 BORON INJ PMP AH-281B-SB & T K AREA TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 7781 SB 01391 ESE-13	WESTINGH'S E WISD NAL2(NE-B)	AB52 PIC-C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6577B1
REAC.AUX.BLDG HVAC AV0046 BORON INJ PMP AH-281B-SB ARE A TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 7782 SB 01390 ESE-13	WESTINGH'S E WISD NAL2(NE-B)	AB52 PIC-C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6577B2
REAC.AUX.BLDG HVAC AV0046 SEC WPB EVAP A CCESSAISLE AH-29 1X-SB AREA	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 8281 SB 014C3 ESE-13	WESTINGH'S E WISD NAL2(ND-B)	AB52 PIC-C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6582B1
REAC.AUX.BLDG HVAC AV0C46 SEC WPB EVAC A CCESSAISLE AH-29 1X-SB AREA	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1AV 65 8282 SB 01404 ESE-13	WESTINGH'S E WISD NAL2(NE-B)	AB52 PIC-C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS6582B2

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REAC.AUX.BLDG HVAC AV0046 FAN E6(1A-SA) DISCH FLOW CONTROL	CONTROLLER FLOW CONTROLLER(DIRECT)	FC 1AV 4842A SA 00514 ESE-13	WESTINGH'SE WISD NCB5	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	FC4842A
REAC.AUX.BLDG HVAC AV0046 FAN E6(1B-SB) DISCH FLOW CONTROL	CONTROLLER FLOW CONTROLLER(DIRECT)	FC 1AV 4842B SB 00515 ESE-13	WESTINGH'SE WISD NCB5	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	FC4842B
REAC.AUX.BLDG HVAC AV0046 RAB EMER FLTR E6 FN PRESS. CNTLR	PRESSURE CONTROLLER(DIRE	PDC 1AV4834A SA 00483 ESE-13	WESTINGH'SE WISD NCB5	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	NO WECO TAG NO.
REAC.AUX.BLDG HVAC AV0046 RAB EMER FLTR E6 FN PRES'C NTLR	PRESSURE CONTROLLER(DIRE	PDC 1AV4834B SB 00484 ESE-13	WESTINGH'SE WISD	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	NO WECO TAG NO.
REAC.AUX.BLDG HVAC AV0046 COMP ROOM DIFF PRES	PRESSURE CONTROLLER(DIRE	PDC 1AV6615A SA 01481 ESE-13	WESTINGH'SE WISD NCB5	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	NO WACO TAG #
REAC.AUX.BLDG HVAC AV0046 COMP ROOM DIFF PRES	CONTROLLER PRESSURE CONTROLLER(DIRE	PDC 1AV6615B SB 01480 ESE-13	WESTINGH'SE WISD NBC5	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	NO WACO TAG #

TAGS INCLUDED: FC 1AV 4842A SA----TC 1AV 4839A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1125
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 RAB EMER FLTR E6 CHAR FLTR IN TEMP CONT	CONTROLLER TEMPERATURE CONTROLLER(D	TC 1AV 48 39A SA 00506 ESE-13	WESTINGH'SE WISD NCB5	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74 344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,88 191, 212	TC4839A
REAC.AUX.BLDG HVAC AV0046 RAB EMER FLTR E6 CHAR FLTR IN TEMP CONT	CONTROLLER TEMPERATURE CONTROLLER(D	TC 1AV 48 39B SB 00507 ESE-13	WESTINGH'SE WISD NCB5	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37, 60,88, 191, 212	TC4839B
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 SA SPENT FUEL POOL PMP AREA TEMP	CONTROLLER TEMPERATURE CONTROLLER(D	TC 1AV 65 37A SA 01259 ESE-13	WESTINGH'SE WISD NCB5	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37, 60,88 191, 212	TC6537A
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 SB SPENT FUEL POOL PMP AREA TEMP	CONTROLLER TEMPERATURE CONTROLLER(D	TC 1AV 65 37B SB 01260 ESE-13	WESTINGH'SE WISD NCB5	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37, 60,80 191, 212	TC6537B

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1126
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0154	COOLING COILS	AH-13(18-SB) 06944	BAHNSON CARRIER	AB41	435105 3E-08 90-3E-	IEEE 344-7 S AS ME SE	A	.30G H NS .25G H EW	.50G H NS .40G H EW	X	X	SD	NA	NA	NA	NA	NA	RABOBE 152,64 ,329	
COOL AIR FOR E SF AHU	COOLING COIL	CCL#A-205-79	28SW6820FK 6108BT	285.	08-20-S2A	C-II, III		.50G V	.70G V									RABOBE 104,15 ,298	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0171 CONTROL AIR FLOW	DAMPERS	AC-D10SB-1 06808	RUSKIN	AB41 DUCT VERT	435205 < 3E-25	IEEE 344-7	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	1018 REV1	RUSKIN CD-82-3V-2	295.	90-9E-25-20-S1	5														
REAC.AUX.BLDG HVAC 0171 CONTROL POSITION OF DAMPER	DAMPERS	AC-D10SB-1 06809	RUSKIN	AB41 ON DAMPER	435205 < 3E-25	IEEE 344-7	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	X	MF	MD	<35 HZ	<33 HZ	>33 HZ	NA	ALSO REPT.# 4649
	ELECTRO-HYD OPERATOR	721.77.09 51,59238-	ITT NH-96	295.	90-9E-25-20-S4	5,382 -82														
REAC.AUX.BLDG HVAC 0171 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AC-D10SB-1 06810	RUSKIN	AB41 DAMP, CNTLV	435205 < 3E-25	IEEE 344-7	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
	LIMIT SWITCH	EA-180 QTR-105	NAMCO EA-180	295.	90-9E-25-20-S7	5,323 -74,3 82-72														
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DOOR POSITION	DAMPERS	AC-D10SB-1 11831	RUSKIN	AB43 DUCT VERT	435205 < 3E-25															
	LIMIT SWITCH (2 OF 2)		NAMCO CD-82-3V-2	295.	90-9E-25-20-S1															
REAC.AUX.BLDG HVAC 0159 CONTROL AIR FLOW	DAMPERS	AC-D11SA-1 06811	RUSKIN	AB41 ON DAMPER	435205 < 3E-25	IEEE 344-7	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	1018 REV1	RUSKIN NH-96	295.	90-9E-25-20-S1	5														
REAC.AUX.BLDG HVAC 0159 CONTROL POSITION OF DAMPER	DAMPERS	AC-D11SA-1 06812	RUSKIN	AB41 ON DAMPER	435205 < 3E-25	IEEE 344-7		D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	X	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO 4649
	ELECTRO-HYD OPERATOR	721.77.09 5,59238-1	ITT NH-96	295.	90-9E-25-20-S4	5,382 -72														

TAGS INCLUDED: AC-D10SB-1 ----AC-D11SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0159 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AC-D11SA-1 06813 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB41 DAMP CNTLV 295.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0171 CONTROL AIR FLOW	DAMPERS DAMPER	AC-D14SB-1 06820 1018 REV1	RUSKIN RUSKIN CD-82-3V-1	AB41 DUCT 295.	435205 < BE-25 90-BE-25-20-S1	IEEE 344-75	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0171 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AC-D14SB-1 06821 721.77.09 5,59238-1	RUSKIN ITT NH-96	AB41 ON DAMPER, 295.	435205 < BE-25 90-BE-25-20-S4	IEEE 344-75,382-72		D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO 4649
REAC.AUX.BLDG HVAC 0171 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AC-D14SB-1 06822 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB41 DAMP CNTLV 295.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0159 CONTROL AIR FLOW	DAMPERS DAMPER	AC-D17SA-1 06829 91065	RUSKIN RUSKIN CD-82-3VPBC	AB41 SUSP 298.	435205 < BE-25 90-BE-25-20-S10	IEEE 344-75	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0159 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AC-D17SA-1 06830 721.77.09 5,59238-1	RUSKIN ITT NH-95	AB41 ON DAMPER, 298.	435205 < BE-25 90-BE-25-20-S4	IEEE 344-75,382-72		D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPP NO. 4649

TAGS INCLUDED: AC-D11SA-1 ----AC-D17SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #1		Q	I												
REAC.AUX.BLDG HVAC 0159	DAMPERS	AC-D17SA-1 06831	RUSKIN NAMCO	AB41 DAMP, CNTLV	435205 < 3E-25	IEEE 344-7 5,323	A	D	3 G HOR 3 G	3 G HOR 3 G	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	299.	90-3E-25-20-S7	-74,3 82-72			VERT	VERT										
REAC.AUX.BLDG HVAC 0160	DAMPERS	AC-D18SA-1 06832	RUSKIN	AB41	435205 < 3E-25	IEEE 344-7 5	A	D	3 G HOR 3 G	3G H OR. 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	#1065	RUSKIN CD-82-3VBP C	SUSP 300.	3E-25 90-3E-25-20-S10				VERT	ERT.										
REAC.AUX.BLDG HVAC 0160	DAMPERS	AC-D18SA-1 06833	RUSKIN ITT	AB41 ON DA MPER,	435205 < 3E-25	IEEE 344-7 5,382	A	D	3 G HOR 3 G	3G H OR. 3G V	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
CONTROL POSITION OF DAMPER	ELECTRO-HYD OPERATOR	721.77.09 5,59238-1	NH-95	300.	90-3E-25-20-S4	-72			VERT	ERT.										
REAC.AUX.BLDG HVAC 0160	DAMPERS	AC-D18SA-1 06834	RUSKIN NAMCO	AB41 DAMP, CNTLV	435205 < 3E-25	IEEE 344-7 5,323		D	3 G HOR 3 G	3 G HOR 3 G	X	NA	N	SD	MF	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	300.	90-3E-25-20-S7	-74,3 82-72			VERT	VERT										
REAC.AUX.BLDG HVAC AV0046	DAMPERS	AC-D18SA-1 11835	RUSKIN NAMCO	AB43 SUSP	435205 < 3E-25															
REMOTE INDICATION OF DOOR POSITION	LIMIT SWITCH (2 OF 2)		CD-82-3VBP C	300.	90-3E-25-20-S10															
REAC.AUX.BLDG HVAC 0171	DAMPERS	AC-D19SB-1 06835	RUSKIN	AB41	435205 < 3E-25	IEEE 344-7 5	A	D	3 G HORI 3 G	3 G HORI 3 G	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1065	RUSKIN CD-82-3VPB C	SUSP 294.	3E-25 90-3E-25-20-S10				VERT	VERT										

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS						ANA							
			MODEL NO	ELEV	SORT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
REAC.AUX.BLDG HVAC 0171 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AC-D19SB-1 06836 721.77.09 5,59238-1	RUSKIN ITT NH-95	AB41 ON DAMPER, 294.	435205 < 3E-25 90-3E-25-20-S4	IEEE 344-75,382-72		D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0171 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AC-D19SB-1 06837 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB41 DAMP, CNTLV 294.	435205 < 3E-25 90-3E-25-20-S7	IEEE 344-75,323-74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0154 CONTROL AIR FLOW	DAMPERS DAMPER	AC-D20SB-1 06838 #1065	RUSKIN RUSKIN CD-82-3VPBC	AB41 SUSP 294.	435205 < 3E-25 90-3E-25-20-S10	IEEE 344-75	A	D	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0154 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AC-D20SB-1 06839 721.77.09 5,59238-1	RUSKIN ITT NH-95	AB41 ON DAMPER, 294.	435205 < 3E-25 90-3E-25-20-S4	IEEE 344-75,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	MF	MD	<35 HZ	<33	>33	NA	ALSO REPT NO 4649
REAC.AUX.BLDG HVAC 0154 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AC-D20SB-1 06840 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB41 DAMP, CNTLV 294.	435205 < 3E-25 90-3E-25-20-S7	IEEE 344-75,323-74,3 82-72		D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	N	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC AVOC46 REMOTE INDICATION OF DOOR POSITION	DAMPERS LIMIT SWITCH (2 OF 2)	AC-D20SB-1 11839	RUSKIN NAMCO CD-82-3VPBC	AB43 SUSP 294.	435205 < 3E-25 90-3E-25-20-S10														

TAGS INCLUDED: AC-D19SB-1 ----AC-D21SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REAC.AUX.BLDG HVAC 0159 CONTROL AIR FLOW	DAMPERS DAMPER	AC-D21SA-1 06841 #1065	RUSKIN RUSKIN CD-82-3VPB C	AB43 SUSP 301.	435205 < 8E-25 90-8E-25-20-S10	IEEE 344-75	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0159 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AC-D21SA-1 06842 721.77.09 5,59238-1	RUSKIN ITT NH-95	AB43 ON DAMPER, 301.	435205 < 8E-25 90-8E-25-20-S4	IEEE 344-75,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	MF	MD	<35 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO 4649
REAC.AUX.BLDG HVAC 0159 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AC-D21SA-1 06843 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB43 DAMP, CNTLV 301.	435205 < 8E-25 90-8E-25-20-S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0159 CONTROL AIR FLOW	DAMPERS DAMPER	AC-D22SA-1 06844 #1065	RUSKIN RUSKIN CD-82-3VPB C	AB43 SUSP 295.	435205 < 8E-25 90-8E-25-20-S10	IEEE 344-75	A	D	3G HOR. 3G VERT	3G HOR. 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0159 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AC-D22SA-1 06845 721.77.09 5,59238-1	RUSKIN ITT NH-95	AB43 ON DAMPER, 295.	435205 < 8E-25 90-8E-25-20-S4	IEEE 344-75,382-72	A	D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0159 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AC-D22SA-1 06846 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB43 DAMP, CNTLV 295.	435205 < 8E-25 90-8E-25-20-S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AC-D21SA-1 ----AC-D3SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0159 CONTROL AIR FLOW	DAMPERS DAMPER	AC-D3SA-1 06847 1018 REV1	RUSKIN RUSKIN CD-82-3V-1	AB43 DUCT VERT 298.	435205 < BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0159 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AC-D3SA-1 06848 721.77.09 5,59238-1	RUSKIN ITT NH-95	AB43 ON DAMPER, 293.	435205 < BE-25 90-BE-25-20-S4	IEEE 344-7 5,382 -72	A	D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0159 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AC-D3SA-1 06849 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB43 DAMP, CNTLV 298.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0161 CONTROL AIR FLOW	DAMPERS DAMPER	AC-D4SB-1 06850 1018 REV1	RUSKIN RUSKIN CD-82-3V-1	AB43 DUCT 297.	435205 < BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0161 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AC-D4SB-1 06851 721.77.09 5,59238-1	RUSKIN ITT NH-95	AB43 ON DAMPER, 297.	435205 < BE-25 90-BE-25-20-S4	IEEE 344-7 5,382 -72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0161 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AC-D4SB-1 06852 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB43 DAMP, CNTLV 297.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AC-D3SA-1 ----AC-D5SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0171 CONTROL AIR FLOW	DAMPERS / DAMPER	AC-D5SB-1 / 06853 / 1018 REV1	RUSKIN / RUSKIN / NH-95	AB41 ON DAMPER, 297.	435205 < BF-25 90-BF-25-20-S1	IEEE 344-75	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0171 CONTROL POSITION OF DAMPER	DAMPERS / ELECTRO-HYD OPERATOR	AC-D5SB-1 / 06854 / 721.77.09 5,59238-1	RUSKIN / ITT / NH-95	AB41 ON DAMPER, 297.	435205 < BF-25 90-BF-25-20-S4	IEEE 344-75,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0171 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AC-D5SB-1 / 06855 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB41 DAMP, CNTLV 297.	435205 < BF-25 90-BF-25-20-S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0155 CONTROL AIR FLOW	DAMPERS / DAMPER	AC-D6SB-1 / 06856 / 1018 REV1	RUSKIN / RUSKIN / NH-95	AB43 ON DAMPER, 299.	435205 < BF-25 90-BF-25-20-S1	IEEE 344-75	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0155 CONTROL POSITION OF DAMPER	DAMPERS / ELECTRO-HYD OPERATOR	AC-D6SB-1 / 06857 / 721.77.09 5,59238-1	RUSKIN / ITT / NH-95	AB43 ON DAMPER, 299.	435205 < BF-25 90-BF-25-20-S4	IEEE 344-75,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO.4649
REAC.AUX.BLDG HVAC 0155 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AC-D6SB-1 / 06858 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB43 DAMP, CNTLV 299.	435205 < BF-25 90-BF-25-20-S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AC-D5SB-1 ----AC-D7SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STA TUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR
			MODEL NO	ELEV	SORT #		Q	I											
REAC.AUX.BLDG HVAC 0159 CONTROL AIR FLOW	DAMPERS	AC-D7SA-1	RUSKIN	AB41	435205	IEEE	A	C	3G	3G	X	NA	S	NA	NA	>33	>33	>33	NA
	DAMPER	06859	RUSKIN	DUCT,	<	344-7			HOR	HOR						HZ	HZ	HZ	
		1018 REV1			BE-25	5			3G	3G									
			CD-82-3V-1	295.	90-BE-				VERT	VERT									
					25-20-														
					S1														
REAC.AUX.BLDG HVAC 0159 CONTROL POSITION OF DAMPER	DAMPERS	AC-D7SA-1	RUSKIN	AB41	435205	IEEE	A	D	3 G	3 G	X	NA	NA	MF	MD	<33	<33	>33	NA
		06860	ITT	ON DA	<	344-7			HOR	HOR						HZ	HZ	HZ	
	ELECTRO-	721.77.09		MPER,	BE-25	5,382			3 G	3 G									
	HYD OPER	5,59238-1	NH-96		90-BE-	-72			VERT	VERT									
	ATOR			295.	25-20-														
					S4														
REAC.AUX.BLDG HVAC 0159 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AC-D7SA-1	RUSKIN	AB41	435205	IEEE		D	3 G	3 3	X	NA	N	SF	SD	>33	>33	>33	NA
				DAMP,	<	344-7			HOR	HOR						HZ	HZ	HZ	
		06861	NAMCO	CNTLV	BE-25	5,323			3 G	3 G									
	LIMIT SW	EA-180			90-BE-	-74,3			VERT	VERT									
	ITCH	QTR-105	EA-180	295.	25-20-	82-72													
					S7														
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DOOR POSITION	DAMPERS	AC-D7SA-1	RUSKIN	AB43	435205	ASME	A		1.5G	3 G	X		S	NA		>33	>33	>33	NA
					<	SECT			HOR	HOR						HZ	HZ	HZ	
		11833	NAMCO	DUCT,	BE-25	III			1 G	2 G									
	LIMIT SW	952677-04			90-BE-	SUB			VERT	VER									
	ITCH (2		CD-82-3V-1	295.	25-20-	NC&ND													
	OF 2)				S1	77ED													
REAC.AUX.BLDG HVAC 0159 CONTROL AIR FLOW	DAMPERS	AC-D8SA-1	RUSKIN	AB41	435205	IEEE	A	D	3G	3G	X	NA	S	NA	NA	>33	>33	>33	NA
				ON DA	<	344-7			HOR	HOR.						HZ	HZ	HZ	
		06862	RUSKIN	MPER,	BE-25	5			3G	3G									
	DAMPER	1018 REV1			90-BE-				VERT	VERT									
			NH-96	295.	25-20-														
					S1														
REAC.AUX.BLDG HVAC 0159 CONTROL POSITION OF DAMPER	DAMPERS	AC-D8SA-1	RUSKIN	AB41	435205	IEEE	A	D	3G	3G	X	NA	NA	MF	MD	<33	<33	>33	NA
				ON DA	<	344-7			HOR	HOR.						HZ	HZ	HZ	
		06863	ITT	MPER,	BE-25	5,382			3G	3G									
	ELECTRO-	721.77.09			90-BE-	-72			VERT	VERT									
	HYD OPER	5,59238-1	NH-96	295.	25-20-														
	ATOR				S4														

TAGS INCLUDED: AC-D7SA-1 ----AC-D8SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0159 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AC-D8SA-1 06864	RUSKIN NAMCO	AB41 DAMP, CNTLV	435205 < 9E-25 90-9E-25-20-S7	IEEE 344-75,323-74,382-72		D	3 G HOR 3 G VERT	3 3 HOR 3 G VERT	X	NA	N	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
	LIMIT SWITCH	EA-180 QTR-105	EA-180	295.																
REAC.AUX.BLDG HVAC 0171 CONTROL AIR FLOW	DAMPERS	AC-D9SB-1 06865 1018 REV1	RUSKIN RUSKIN	AB41 DUCT, VERT	435205 < 9E-25 90-9E-25-20-S1	IEEE 344-75	A	D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER		CD-82-3V-2	295.																
REAC.AUX.BLDG HVAC 0171 CONTROL POSITION OF DAMPER	DAMPERS	AC-D9SB-1 06866	RUSKIN ITT	AB41 ON DAMPER,	435205 < 9E-25 90-9E-25-20-S4	IEEE 344-75,382-72	A	D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	MF	MD	<35 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO 4649
	ELECTRO-HYD OPERATOR	721.77.09 5,59238-1	NH-96	295.																
REAC.AUX.BLDG HVAC 0171 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AC-D9SB-1 06867	RUSKIN NAMCO	AB41 DAMP, CNTLV	435205 < 9E-25 90-9E-25-20-S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
	LIMIT SWITCH	EA-180 QTR-105	EA-180	295.																
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DOOR POSITION	DAMPERS	AC-D9SB-1 11832	RUSKIN NAMCO	AB43 DUCT, VERT	435205 < 9E-25 90-9E-25-20-S1	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	LIMIT SWITCH (2 OF 2) 952677-04		CD-82-3V-2	295.																
REAC.AUX.BLDG HVAC 0161 CONTROL AIR FLOW	DAMPERS	AC-GD1SA-1 06868 1018 REV1	RUSKIN RUSKIN	AB43 DUCT,	435205 < 9E-25 90-9E-25-20-S1,S12	IEEE 344-75	A		3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO TEST REP# WYLE 4-68 03-1
	DAMPER		CBS-7-B	284.																

TAGS INCLUDED: AC-D8SA-1 ----AC-GD14SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0171 CONTROL AIR FLOW	DAMPERS	AC-GD14SB-1	RUSKIN	AB43	435205 <	IEEE 344-7	A	D	3G HOR	3G HOR.	X	NA	S	MF	MD	>33 HZ	>33 HZ	>33 HZ	NA	DAMPER BY ANALYSIS, CNTRBLNC ARM BY TEST
	DAMPER	06871 1064,WYLE 46803-1	RUSKIN CBS-7	SUSP, 286.	BE-25 90-BE-1 25-20-1 S11,12	5			3G VERT	3G VERT						9HZ	23 HZ	23 HZ		
REAC.AUX.BLDG HVAC 0161 CONTROL AIR FLOW	DAMPERS	AC-GD2SA-1	RUSKIN	AB43	435205 <	IEEE 344-7	A	D	3 G HOR	3 G HOR	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO TEST REP# WYLE 4-68 03-1
	DAMPER	06872 1018 REV1	RUSKIN CBS-7-B	DUCT, 286.	BE-25 90-BE-1 25-20-1 S1,S12	5			3 G VERT	3 G VERT										
REAC.AUX.BLDG HVAC 0155 CONTROL AIR FLOW	DAMPERS	AC-GD3SB-1	RUSKIN	AB43	435205 <	IEEE 344-7	A	D	3 G HOR	3 G HOR	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO TEST REP# WYLE 4-68 03-1
	DAMPER	06873 1018 REV1	RUSKIN CBS-7-B	DUCT, 286.	BE-25 90-BE-1 25-20-1 S1,S12	5			3 G VERT	3 G VERT										
REAC.AUX.BLDG HVAC 0155 CONTROL AIR FLOW	DAMPERS	AC-GD4SB-1	RUSKIN	AB43	435205 <	IEEE 344-7	A	D	3 G HOR	3 G HOR	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO TEST REP# WYLE 4-68 03-1
	DAMPER	06874 1018 REV1	RUSKIN CBS-7-B	DUCT, 286.	BE-25 90-BE-1 25-20-1 S1,S12	5			3 G VERT	3 G VERT										
REAC.AUX.BLDG HVAC 0159 CONTROL AIR FLOW	DAMPERS	AC-GD5SA-1	RUSKIN	AB43	435205 <	IEEE 344-7	A	D	3 G HOR	3 G HOR	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO TEST REP# WYLE 4-68 03-1
	DAMPER	06875 1018 REV1	RUSKIN CBS-7-B	DUCT, 286.	BE-25 90-BE-1 25-20-1 S1,S12	5			3 G VERT	3 G VERT										
REAC.AUX.BLDG HVAC 0159 CONTROL AIR FLOW	DAMPERS	AC-GD6SA-1	RUSKIN	AB43	435205 <	IEEE 344-7	A	D	3 G HOR	3 G HOR	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO TEST REP# WYLE 4-68 03-1
	DAMPER	06876 1018 REV1	RUSKIN CBS-7-B	DUCT, 286.	BE-25 90-BE-1 25-20-1 S1,S12	5			3 G VERT	3 G VERT										

TAGS INCLUDED: AC-GD14SB-1 ----AC-GD7SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0171 CONTROL AIR FLOW	DAMPERS	AC-GD7SB-1	RUSKIN	AB43	435205 <	IEEE 344-7	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO TEST REP# WYLE 4-68 03-1
	DAMPER	06877 1018 REV1	RUSKIN CBS-7-B	DUCT, 286.	BE-25 90-BE-25-20-S1,S12	5														
REAC.AUX.BLDG HVAC 0171 CONTROL AIR FLOW	DAMPERS	AC-GD8SB-1	RUSKIN	AB43	435205 <	IEEE 344-7	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO TEST REP# WYLE 4-68 03-1
	DAMPER	06878 1018 REV1	RUSKIN CBS-7-B	DUCT 286.	BE-25 90-BE-25-20-S1,S12	5														
REAC.AUX.BLDG HVAC 0171 CONTROL AIR FLOW	DAMPERS	AC-PR1SAB-1	RUSKIN	AB51	435205 <	IEEE 344-7	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	06879 1018 REV1 #1074	RUSKIN CBS-7-B	CNTLV 305.	BE-25 90-BE-25-20-S1,S14	5														
REAC.AUX.BLDG HVAC 0161 PROTECT DUCT WORK FROM NEG PRESSURE	DAMPERS	AC-X2SN-1	QUALITY AIR DESIGN	AB43	435228 <	IEEE 344-7	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	N/A	DUCT DESIGN CONSTANT
	TORNADO DAMPER	06880 QAD RPT# DD-5388-5	QUALITY AIR DESIGN	DUCT 301.	BE-33 90-BE-33-20-S1	5 ASTM -A307														
REAC.AUX.BLDG HVAC 0161 DAMPER POSITION INDICATION ON MCP	DAMPERS	AC-X2SN-1 12	QUALITY AIR DESIGN	AB43	435228 <	IEEE 344-7	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2 PER DAMPER
	LIMIT SWITCH	06881 NAMCORPT# EA170-302	NAMCO EA-170	ACT 301.	BE-33 90-BE-33-20-S18	5,382 -72														
REAC.AUX.BLDG HVAC 0155 PROTECT DUCT WORK FROM NEG PRESSURE	DAMPERS	AC-X4SN-1	QUALITY AIR DESIGN	AB43	435228 <	IEEE 344-7		D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	N/A	DUCT DESIGN CONSTANT
	TORNADO DAMPER	06882 QAD RPT # DD-5388-5	QUALITY AIR DESIGN	DUCT 301.	BE-33 90-BE-33-20-S1	5 ASTM -A307														

TAGS INCLUDED: AC-GD7SB-1 ----AC-X4SN-112
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0155 DAMPER POSITION INDICATION ON MCP	DAMPERS / LIMIT SWITCH	AC-X4SN-1 12 06883 NAMCORPT# EA170-302	QUALITY AIR DESIGN NAMCO / EA-170	AB43 ACT 301.	435229 < 3E-33 90-9E-33-20-S13	IEEE 344-7 5,382-72	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2 PER DAMPER
REAC.AUX.BLDG HVAC 0159 PROTECT DUCT WORK FROM NEG PRESSURE	DAMPERS / TORNADO DAMPER	AC-Z1SN-1 06884 QAD RPT # QD-5388-5	QUALITY AIR DESIGN QUALITY AIR DESIGN	AB52 FLOOR 305.	435229 < 3E-33 90-9E-33-20-S1	IEEE 344-7 5 ASTM -A307		D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	N/A	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0159 DAMPER POSITION INDICATION ON MCP	DAMPERS / LIMIT SWITCH	AC-Z1SN-1 1 06885 NAMCORPT# EA170-302	QUALITY AIR DESIGN NAMCO / EA-170	AB52 ACT 305.	435229 < 3E-33 90-9E-33-20-S13	IEEE 344-7 5,382-72	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2 PER DAMPER
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D10SB-1 07271 1018REV1, #1074	RUSKIN RUSKIN CD-82-3V-2	AB31 CNTLV 271.	435205 3E-25 90-3E-25-20-S1,S14	IEEE 344-7 5	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D10SB-1 07272 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB31 DAMP, CNTLV 271.	435205 < 3E-25 90-3E-25-20-S7	IEEE 344-7 5,323-74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D10SB-1 07273 R1069-19, #37274-V3	RUSKIN BETTIS CB-415	AB31 VERT ON DA 271.	435205 < 3E-25 90-3E-25-20-S29,S3	IEEE 344-7 5 ASME SECT III	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AC-X4SN-112 ----AV-D10SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA			QUALIFICATION METHOD				LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #		O	I												
REAC.AUX.BLDG HVAC 0165 CONTROL AIR-PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D10SB-1 07274 / AQS21678/ TR REV A	RUSKIN / ASCO / NP8320A173E	AB31 ON OPERATR / 271.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D1CSB-1 11806	NAMCO / EA-180		<															
REAC.AUX.BLDG HVAC 0135 CONTROL POSITION OF DAMPER	DAMPERS / GEAR OPERTOR	AV-D108SA B-1 11619 #B0045	RUSKIN / LIMITORQUE SMB-000/ CD-82-3V-1	AB21 DUCT, / 236.	435205 <2 BE-25 25-20 S8	IEEE 344-7 5	A		3 G HORI 3 G VERT	3 G HOIR 3 G VERT	X	NA	NA	SF	SD	38 HZ	39 HZ	44 HZ	N/A	SEE REC# 07275 FOR DAMPER
REAC.AUX.BLDG HVAC 0135 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D108SA B-1 07275 1018 REV1	RUSKIN / RUSKIN CD-82-3V-1	DUCT,	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A		3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	SEE REC# 11619 FOR OPERATOR
REAC.AUX.BLDG HVAC 0135 CONTROL POSITION OF DAMPER	DAMPERS / GEAR OPERTOR	AV-D109SA B-1 11620 #B0045	RUSKIN / LIMITORQUE SMB-000/ HOBC	HNDWL AXIS	435205 <2 90-BE-25-20 S8	IEEE 344-7 5	A		3 G HORI 3 G VERT	3 G HOIR 3 G VERT	X	NA	NA	SF	SD	38 HZ	39 HZ	44 HZ	N/A	SEE REC# 07276 FOR DAMPER
REAC.AUX.BLDG HVAC 0135 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D109SA B-1 07276 1018 REV1	RUSKIN / RUSKIN HOBC	AB21 HNDWL AXIS / 236.	435205 BE- 90-BE-25-20-S1	IEEE 344-7 5	A		3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	SEE REC# 11620 FOR OPERATOR

TAGS INCLUDED: AV-D10SB-1 ----AV-D11SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D11SA-1 07277	RUSKIN	AB21	435205	IEEE 344-7	A	B	3G HOR	3G HOR	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	1018REV1, #1074	RUSKIN CD-82-3V-2	CNTLV 247.	BF-25 90-BE-25-20-S1,S14	5			3G VERT	3G VERT										
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D11SA-1 07278	RUSKIN	AB21	435205	IEEE	A	B	3 G	3 G	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
	LIMIT SWITCH	EA-180 QTR-105	NAMCO EA-180	DAMP, CNTLV 247.	< BF-25 90-BE-25-20-S7	344-7 5,323 -74,3 82-72			HOR 3 G VERT	HOR 3 G VERT										
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS	AV-D11SA-1 07279	RUSKIN	AB21	435205	IEEE	A	B	3G	3G	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	PNEUMATIC OPERATOR	R1063-19, #37274-V3	BETTIS CB-315	VERT ON DA 247.	< BF-25 90-BE-25-20-S2A,S3	344-7 5 ASME SECT III			HOR 3G VERT	HOR 3G VERT										
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS	AV-D11SA-1 07280	RUSKIN	AB21	435205	IEEE		B	3G	3G	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	AQS21678/ TR REV A	ASCO NP8320A173 E	ON OP ERATR 247.	< BF-25 90-BE-25-20-S6	344-7 5,323 -74,3 82-72			HOR 3G VERT	HOR. 3G VERT										
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D11SA-1 11811	NAMCO		<															
	LIMIT SWITCH (2 OF 2)		EA-180																	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D12SB-1 07281	RUSKIN	AB21	435205	IEEE	A	B	3G	3G	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	1018REV1, #1074	RUSKIN EA-180	DAMP, CNTLV 245.	BF-25 90-BE-25-20-S1,S14	344-7 5			HOR 3G VERT	HOR 3G VERT										

TAGS INCLUDED: AV-D11SA-1 ----AV-D12SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D12SB-1 07282 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB21 DAMP, CNTLV / 246.	435205 < 3E-25 90-3E-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D12SB-1 07283 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	AB21 VERT ON DA / 246.	435205 < 3E-25 25-20-S24,S3	IEEE 344-7 5 ASME SECT III	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR-PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D12SB-1 07284 / AOS21678/ TR REV A	RUSKIN / ASCO / NP8320A173E	AB2 ON OP ERATR / 246.	435205 < 3E-25 90-3E-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D13SA-1 07285 / 1018REV1, #1074	RUSKIN / RUSKIN / CD-82-3V-2	AB21 CNTLV / 236.	435205 3E-25 90-3E-25-20-S1,S14	IEEE 344-7 5 ASME SECT III	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D13SA-1 07286 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB21 DAMP, VNTLV / 236.	435205 < 3E-25 90-3E-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D13SA-1 07287 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	AB21 VERT ON DA / 236.	435205 < 3E-25 90-3E-25-20-S24,S3	IEEE 344-7 5 ASME SECT III	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D12SB-1 ----AV-D13SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
REAC.AUX.BLDG HVAC G165 CONTROL AIR-PR ESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D13SA- 1 07288 AGS21678/ TR REV A	RUSKIN ASCO NP8320A173 E	AB21 ON OP ERATR 236.	435205 < BE-25 90-BE- 25-20- S6	IEEE 344-7 5,323 -74,3 82-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICAT ION OF DAMPER POSITION	DAMPERS LIMIT SW ITCH (2 OF 2)	AV-D13SA- 1 11801	RUSKIN NAMCO CD-82-3V-2	AB21 CNTLV 236.	435205 BE-25 90-BE- 25-20- S1,S14															
REAC.AUX.BLDG HVAC G165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D14SB- 1 07289 1018REV1, #1074	RUSKIN RUSKIN CD-82-3V-2	AB21 CNTLV 245.	435205 BE-25 90-BE- 25-20- S1,S14	IEEE 344-7 5	A	D	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC G165 REMOTE INDICAT ION OF DAMPER POSITION	DAMPERS LIMIT SW ITCH	AV-D14SB- 1 07290 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB21 DAMP, CNTLV 245.	435205 < BE-25 90-BE- 25-20- S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC G165 HOLD DAMPER IN REQUIRED POSI TION	DAMPERS PNEUMATI C OPERAT OR	AV-D14SB- 1 07291 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB21 VERT ON OA 245.	435205 < BE-25 90-BE- 25-20- S24,S3	IEEE 344-7 5 ASME SECT III	A	D	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC G165 CONTROL AIR-PR ESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D14SB- 1 07292 AGS21678/ TR REV A	RUSKIN ASCO NP8320A173 E	AB21 ON OP ERATR 245.	435205 < BE-25 90-BE- 25-20- S6	IEEE 344-7 5,323 -74,3 82-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D13SA-1 ----AV-D15SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D15SA-1 07293 1018REV1, #1074	RUSKIN	AB21	435205	IEEE 344-7	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER		RUSKIN CD-82-3V-1	CNTLV 244.	BE-25 90-BE-25-20-S1,S14	5 ASME SECT III														
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D15SA-1 07294 EA-180 GTR-105	RUSKIN	AB21 DAMP, CNTLV 244.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74, 382-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	N	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITHCES
	LIMIT SWITCH		NAMCO EA-180																	
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS	AV-D15SA-1 07295 R1063-19, #37274-V3	RUSKIN	AB21 VERT ON DA 244.	435205 < BE-25 90-BE-25-20-S24,S3	IEEE 344-7 5 ASME SECT III	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	PNEUMATIC OPERATOR		BETTIS CB-315																	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR-PRESSURE IN PNEU OPER CYLINDER	DAMPERS	AV-D15SA-1 07296 AQS21678/TR REV A	RUSKIN	AB21 ON OP 244.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE		ASCO NP8320A173E																	
REAC.AUX.BLDG HVAC AVC046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D15SA-1 11908	RUSKIN	AB21	435205															
	LIMIT SWITCH (2 OF 2)		NAMCO CD-82-3V-1	CNTLV 244.	BE-25 90-BE-25-20-S1,S14															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D16SB-1 07297 1018REV1, #1074	RUSKIN	FH21	435205	IEEE 344-7 5	A	B	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER		RUSKIN CD-82-3V-1	CNTLV 236.	BE-25 90-BE-25-20-S1,S14															

TAGS INCLUDED: AV-D15SA-1 ----AV-D16SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D16SB-1 07298 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	FH21 DAMP, CNTLV 236.	435205 < 3E-25 90-9E-25-20-S7	IEEE 344-75,323-74,382-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D16SB-1 07299 R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	FH21 VERT ON DA 236.	435205 < 3E-25 90-9E-25-20-S24,S3	IEEE 344-75 ASME SECT III	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D16SB-1 07300 AQS21678/ TR REV A	RUSKIN / ASCO / NP8320A173E	FH21 ON OP ERATR 236.	435205 < 3E-25 90-9E-25-20-S6	IEEE 344-75,323-74,382-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D17SA-1 07301 AQS21678/ TR REV A	RUSKIN / ASCO / NP8320A173E	AB21 ON OP ERATR 236.	435205 < 3E-25 90-9E-25-20-S6	IEEE 344-75,323-74,382-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D17SA-1 07302 1018REV1, #1074	RUSKIN / RUSKIN / CD-82-3V-1	AB21 CNTLV 236.	435205 3E-25 90-9E-25-20-S1,S14	IEEE 344-75	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D17SA-1 07303 EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB21 DAMP, CNTLV 236.	435205 < 3E-25 90-9E-25-20-S7	IEEE 344-75,323-74,382-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AV-D16SB-1 ----AV-D17SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1145
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	DUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D17SA-1 07304 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB21 VERT ON DA 236.	435205 < 8E-25 90-9E-25-20-S2A,S3	IEEE 344-7 5 ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AVOC46 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH (2 OF 2)	AV-D17SA-1 11855	RUSKIN NAMCO NP8320A173E	AB21 ON OP ERATR 236.	435205 < 8E-25 90-9E-25-20-S6															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D18SB-1 07305 1018REV1, #1074	RUSKIN RUSKIN EA-180	AB21 DAMP, CNTLV 236.	435205 8E-25 90-9E-25-20-S1,S14	IEEE 344-7 5	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D18SB-1 07306 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB21 DAMP, CNTLV 236.	435205 < 8E-25 90-9E-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D18SB-1 07307 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB21 VERT ON DA 236.	435205 < 8E-25 90-9E-25-20-S2A,S3	IEEE 344-7 5 ASME SECT III		C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D18SB-1 07308 AGS21678 TR REV A	RUSKIN ASCO NP8320A173E	AB21 ON OP ERATR 236.	435205 < 8E-25 90-9E-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D17SA-1 ----AV-D19SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
			MODEL NO	ELEV	SORT #		Q	I											
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D19SA-1	RUSKIN	AB21	435205	IEEE 344-75	A	B	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	07309 1018REV1, #1074	RUSKIN CD-82-3V-1	CNTLV 234.	BF-25 90-BE-25-20-S1,S14														
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D19SA-1	RUSKIN	AB21 DAMP,	435205 <	IEEE 344-75,323	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
	LIMIT SWITCH	07310 EA-180 QTR-105	NAMCO EA-180	CNTLV 236.	BF-25 90-BE-25-20-S7	-74,3 82-72													
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS	AV-D19SA-1	RUSKIN	AB21 VERT	435205 <	IEEE 344-75	A	B	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	PNEUMATIC OPERATOR	07311 R1063-19, #37274-V3	BETTIS CB-315	ON DA 234.	BF-25 90-BE-25-20-S2A,S3														
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS	AV-D19SA-1	RUSKIN	AB21 ON OP	435205 <	IEEE 344-75,323		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	07312 AQS21678/ TR REV A	ASCO NP8320A173E	ERATP 236.	BF-25 90-BE-25-20-S6	-74,3 82-72													
REAC.AUX.BLDG HVAC AV0C46 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D19SA-1	RUSKIN	AB21	435205														
	LIMIT SWITCH (2 OF 2)	11805	NAMCO CD-82-3V-1	CNTLV 234.	BF-25 90-BE-25-20-S1,S14														
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D20SB-1	RUSKIN	AB21 DAMP,	435205	IEEE 344-75		C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	07313 1018REV1, #1074	RUSKIN EA-180	CNTLV 234.	BF-25 90-BE-25-20-S1,S14														

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D20SB-1 07314 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB21 DAMP, CNTLV / 236.	435205 < 3E-25 90-3E-25-20-S7	IEEE 344-75,323-74,382-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D20SB-1 07315 R1063-19, #37274-V3	RUSKIN / BETTIS / CB-314	AB21 VERT ON DA / 236.	435205 < 3E-25 90-3E-25-20-S2A,S3	IEEE 344-75 ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165. CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D20SB-1 07316 AOS21678/ TR REV A	RUSKIN / ASCO / NP8320A173E	AB21 ON OPERATR / 236.	435205 < 3E-25 90-3E-25-20-S6	IEEE 344-75			3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D20SB-1 11804	NAMCO / EA-180		<															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D21SA-1 07317 1018REV1, #1074	RUSKIN / RUSKIN / CD-82-3V-1	AB21 CNTLV / 242.	435205 3E-25 90-3E-25-20-S1,S14	IEEE 344-75	A	C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO SQRT # S13 & TEST REP#1100
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D21SA-1 07318 EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB21 DAMP, CNTLV / 242.	435205 < 3E-25 90-3E-25-20-S7	IEEE 344-75,323-74,382-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AV-D20SB-1 ----AV-D21SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D21SA-1 07319 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	AB21 VERT ON DA / 242.	435205 < 3E-25 90-3E-25-20-S2A,S3	IEEE 344-7 5 / ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D21SA-1 07320 / AQS21678/ TR REV A	RUSKIN / ASCO / NP8320A173 E	AB21 ON OP ERATR / 242.	435205 < 3E-25 90-3E-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH(2 OF 2)	AV-D21SA-1 11750 NUC-9	RUSKIN / NAMCO / CD-82-3V-1	AB21 / CNTLV / 242.	435205 3F-25 IND3-20	IEEE 344-7 5,SAE	A		0.30 G NS 0.20 G EW 0.30 GV	0.50 G NS 0.40 G EW 0.40 GV	X	NA	SD	NA	NA	33 HZ	33 HZ	33 HZ	FHB-08 E;23,91,155, FHB-08 E;34,136,232	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D22SB-1 07321 / 1018REV1, #1074	RUSKIN / RUSKIN / CD-82-3V-1	AB21 / CNTLV / 242.	435205 3E-25 90-3E-25-20-S1,S14	IEEE 344-7 5	A	C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (1 OF 2)	AV-D22SB-1 07322 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180-213 02	AB21 DAMP, CNTLV / 242.	435205 < 3E-25 90-3E-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D22SB-1 07323 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	AB21 VERT ON DA / 242.	435205 < 3E-25 90-3E-25-20-S2A,S3	IEEE 344-7 5 / ASME SECT III	A	C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D21SA-1 ----AV-D22SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D22SB-1 07324 AQS21678/TR REV A	RUSKIN ASCO NP8320A173E	AB21 ON OPERATR 242.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D23SA-1 07325 1018REV1,#1074	RUSKIN RUSKIN CD-82-3V-1	AB21 CNTLV 242.	435205 BE-25 90-BE-25-20-S1,S14	IEEE 344-7 5	A	C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO SORT # S13 &TEST REP#1100
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D23SA-1 07326 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB21 DAMP, CNTLV 242.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D23SA-1 07327 R1063-19,#37274-V3	RUSKIN BETTIS CB-315	AB21 VERT ON DA 242.	435205 < BE-25 90-BE-25-20-S2A,S3	IEEE 344-7 5 ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D23SA-1 07328 AQS21678/TR REV A	RUSKIN ASCO NP8320A173E	AB21 ON OPERATR 242.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AVC046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH (2 OF 2)	AV-D23SA-1 11794	RUSKIN NAMCO CD-82-3V-1	AB21 CNTLV 242.	435205 BE-25 90-BE-25-20-S1,S14															

TAGS INCLUDED: AV-D22SB-1 ----AV-D24SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITY	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D24SB-1 07329	RUSKIN	AB21	435205	IEEE 344-7	A	C	3G HOR 3G	3G HOR 3G	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1018REV1, #1074	RUSKIN CD-82-3V-1	CNTLV 236.	BE-25 90-BE-25-20-S1,S14	5			VERT	VERT										
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D24SB-1 07330	RUSKIN	AB21 DAMP,	435205 <	IEEE 344-7	A	C	3 G HOR	3 G HOR	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	NAMCO EA-180	CNTLV 236.	BE-25 90-BE-25-20-S7	5,323 -74,3 82-72			3 G VERT	3 G VERT										
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D24SB-1 07331	RUSKIN	AB21 VERT	435205 <	IEEE 344-7	A	C	3 G HORI	3 G HORI	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
HOLD DAMPER IN REQUIRED POSITION	PNEUMATIC OPERATOR	R1063-19, #37274-V3	BETTIS CB-315	ON DA 236.	BE-25 90-BE-25-20-S24,S3	5 ASME SECT III			3 G VERT	3 G VERT										
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D24SB-1 07332	RUSKIN	AB21 ON OP	435205 <	IEEE 344-7		C	3G HOR	3G HOR.	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	SOLENOID VALVE	AQS21678/ TR REV A	ASCO NP8320A173E	ERATR 236.	BE-25 90-BE-25-20-S6	5,323 -74,3 82-72			3G VERT	3G VERT										
REAC.AUX.BLDG HVAC AV0046	DAMPERS	AV-D24SB-1 11795	NAMCO		<															
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH (2 OF 2)		EA-180																	
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D25SA-1 07333	RUSKIN	AB21	435205	IEEE 344-7	A	B	3 G HORI	3 G HORI	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1018REV1, #1074	RUSKIN CD-82-3V-1	CNTLV 242.	BE-25 90-BE-25-20-S1,S14	5			3 G VERT	3 G VERT										

TAGS INCLUDED: AV-D24SB-1 ----AV-D25SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D25SA-1 07334 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB21 DAMP, CNTLV / 242.	435205 < 8E-25 90-8E-25-20-S7	IEEE 344-75,323 -74,382-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D25SA-1 07335 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	AB21 VERT ON DA / 242.	435205 < 8E-25 90-8E-25-20-S24,S3	IEEE 344-75 ASME SECT III	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEUMOPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D25SA-1 07336 / AQS21678/ TR REV A	RUSKIN / ASCO / NP832DA173E	AB21 ON OPERATR / 242.	435205 < 8E-25 90-8E-25-20-SA	IEEE 344-75,323 -74,382-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AVD046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D25SA-1 11799	RUSKIN / NAMCO / CD-82-3V-1	AB21 CNTLV / 242.	435205 8E-25 90-8E-25-20-S1,S14															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D26SB-1 07337 1018REV1, #1074	RUSKIN / RUSKIN / CD-82-3V-1	AB21 CNTLV / 236.	435205 8E-25 90-8E-25-20-S1,S14	IEEE 344-75	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO SQRT # S13 &TEST REP#1100
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D26SB-1 07338 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB21 DAMP, CNTLV / 236.	435205 < 8E-25 90-8E-25-20-S7	IEEE 344-75,323 -74,382-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AV-D25SA-1 ----AV-D26SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D26SB-1 07339 R1063-19, #37472-V3	RUSKIN BETTIS CB-315	AB21 VERT ON DA 236.	435205 < BE-25 90-BE-25-20-S2A,,S	IEEE 344-7 5 ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D26SB-1 07340 AQS21678/TR REV A	RUSKIN ASCO NP8320A173E	AB21 ON OP1 ERATR 236.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH (2 OF 2)	AV-D26SB-1 11797	NAMCO EA-180		<															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D27SA-1 07341 1018REV1, #1074	RUSKIN RUSKIN CD-82-3V-1	AB21 CNTLV 236.	435205 BE-25 90-BE-25-20-S1,S14	IEEE 344-7 5 ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D27SA-1 07342 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB21 DAMP, CNTLV 236.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D27SA-1 07343 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB21 VERT ON DA 236.	435205 < BE-25 90-BE-25-20-S2A,S3	IEEE 344-7 5 ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D26SB-1 ----AV-D27SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D27SA-1 07344	RUSKIN ASCO	AB21 ON OP ERATR	435205 < BE-25	IEEE 344-7 5,323		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	SOLENOID VALVE	AQS21678/ TR REV A	NP8320A173 E	236.	90-BE-25-20-S6	-74,3 82-72														
REAC.AUX.BLDG HVAC AV0046	DAMPERS	AV-D27SA-1 11796	RUSKIN NAMCO	AB21 CNTLV	435205 BE-25															
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH (2 OF 2)		CD-82-3V-1	236.	90-BE-25-20-S1,S14															
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D28SB-1 07345	RUSKIN RUSKIN	AB21 VERT CNTLV	435205 BE-25	IEEE 344-7 5	A	C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1018REV1, #1074	CD-82-3V-1	236.	90-BE-25-20-S1,S14															
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D28SB-1 07346	RUSKIN NAMCO	AB21 DAMP, CNTLV	435205 < BE-25	IEEE 344-7 5,323	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	236.	90-BE-25-20-S7	-74,3 82-72														
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D28SB-1 07347	RUSKIN BETTIS	AB21 VERT ON OP	435205 < BE-25	IEEE 344-7 5	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
HOLD DAMPER IN REQUIRED POSITION	PNEUMATIC OPERATOR	R1063-19, #37274-V3	CB-315	236.	90-BE-25-20-S24,S3	ASME SECT III														
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D28SB-1 07348	RUSKIN ASCO	AB21 ON OP ERATR	435205 < BE-25	IEEE 344-7 5,323		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	SOLENOID VALVE	AQS21678/ TR REV A	NP8320A173 E	236.	90-BE-25-20-S6	-74,3 82-72														

TAGS INCLUDED: AV-D27SA-1 ----AV-D28SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST PEP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D28SB-1 11803	NAMCO / EA-180		<															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D29SA-1 07349 1018REV1, #1074	RUSKIN / RUSKIN CD-82-3V-1	AB11 / CNTLV 221.	435205 BE-25 90-BE-25-20-S1,S14	IEEE 344-7 5	A	B	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D29SA-1 07350 EA-180 QTR-105	RUSKIN / NAMCO EA-180	AB11 DAMP, CNTLV 221.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D29SA-1 07351 R1063-19, #37274-V3	RUSKIN / BETTIS CB-315	AB11 VERT ON DA 221.	435205 < BE-25 90-BE-25-20-S2A,S3	IEEE 344-7 5 ASME SECT III	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEUMOPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D29SA-1 07352 AQS21678/ TR REV A	RUSKIN / ASCO NP8320A173E	AB11 ON OPERATR 221.	435205 < BE-25 90-BE-25-20-S1	IEEE 344-7 5,323 -74,3 82-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D29SA-1 11875	RUSKIN / NAMCO CD-82-3V-1	AB11 CNTLV 221.	435205 BE-25 90-BE-25-20-S1,S14															

TAGS INCLUDED: AV-D28SB-1 ----AV-D3SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D3SA-1 07353 1018REV1, #1074	RUSKIN RUSKIN CD-82-3V-2	AB31 CNTLV 271.	435205 BE-25 90-BE-25-20-S1,S14	IEEE 344-7 5	A	B	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D3SA-1 07354 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB31 DAMP, CNTLV 271.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A		3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D3SA-1 07355 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB31 VERT ON DA 271.	435205 < BE-25 90-BE-25-20-S2A,S3	IEEE 344-7 5 ASME SECT III	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D3SA-1 07356 AQS21673/ TR REV A	RUSKIN ASCO NP8320A173 E	AB31 ON OPERATR 271.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D3DSB-1 07357 1018REV1, #1074	RUSKIN RUSKIN CD-82-3V-1	AB11 CNTLV 221.	435205 BE-25 90-BE-25-20-S1,S14	IEEE 344-7 5	A	B	3G HOR 3 G VERT	3G HOR 4 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO SORT#S13 &TEST REP #1100
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D3DSB-1 07358 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB11 DAMP, CNTLV 221.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AV-D3SA-1 ----AV-D3DSB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D30SB-1 07359 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB11 VERT ON DA 221.	435205 < BE-25 90-BE-25-20-S2A,S3	IEEE 344-7 5 ASME SECT III	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D30SB-1 07360 AOS21678/TR REV A	RUSKIN ASCO NP8320A173E	AB11 ON OP ERATR 221.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH (2 OF 2)	AV-D30SB-1 11878	RUSKIN NAMCO CD-82-3V-1	AB11 CNTLV 221.	435205 BE-25 90-BE-25-20-S1,S14															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D31SA-1 07361 1C18REV1, #1074	RUSKIN RUSKIN CD-82-3V-2	FH11 CNTLV 216.	435205 BE-25 90-BE-25-20-S1,S14	IEEE 344-7 5	A	C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D31SA-1 07362 EA-180 QTR-105	RUSKIN NAMCO EA-180	FH11 DAMP, CNTLV 216.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D31SA-1 07363 R1063-21, #37274-V3	RUSKIN BETTIS CB-415	FH11 VERT ON DA 216.	435205 < BE-25 90-BE-25-20-S2B,S3	IEEE 344-7 5 ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D30SB-1 ----AV-D31SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS	AV-D31SA-1 07364	RUSKIN	FH11 ON OP	435205 <	IEEE 344-7		C	3G HOR	3G HOR.	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	AQS21678/ TR REV A	ASCO NP8320A173 E	ERATR 215.	BE-25 90-9E-25-20-S6	5,323 -74,3 82-72			3G VERT	3G VERT										
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D32SB-1 07365	RUSKIN	AB11	435205	IEEE 344-7	A	D	3G HOR	3G HOR	X	NA	2	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	1018REV1, #1074	RUSKIN CD-82-3V-2	CNTLV 215.	BE-25 90-9E-25-20-S1,S14	5			3G VERT	3G VERT										
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D32SB-1 07366	RUSKIN	AB11 DAMP,	435205 <	IEEE 344-7	A	D	3 G HOR	3 G HOR	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
	LIMIT SWITCH	EA-180 QTR-105	NAMCO EA-180	CNTLV 215.	BE-25 90-9E-25-20-S1	5,323 -74,3 82-72			3 G VERT	3 G VERT										
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS	AV-D32SB-1 07367	RUSKIN	AB11 VERT	435205 <	IEEE 344-7	A	D	3G HOR	3G HOR	X	NA	2	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	PNEUMATIC OPERATOR	R1063-21, #37274-V3	BETTIS CB-415	ON DA 215.	BE-25 90-9E-25-20-S2B,S3	5 ASME SECT III			3G VERT	3G VERT										
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS	AV-D32SB-1 07368	RUSKIN	AB11 ON OP	435205 <	IEEE 344-7		D	3G HOR	3G HOR.	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	AQS21678/ TR REV A	ASCO NP8320A173 E	ERATR 215.	BE-25 90-9E-25-20-S6	5,323 -74,3 82-72			3G VERT	3G VERT										
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D32SB-1 11876	RUSKIN	AB11	435205	IEEE 344-7		B	3G HOR	3G HOR.	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
	LIMIT SWITCH (2 OF 2)	AQS21678/ TR REV A	NAMCO CD-82-3V-2	CNTLV 215.	BE-25 90-9E-25-20-S1,S14	5,323 -74,3 82-72			3G VERT	3G VERT										

TAGS INCLUDED: AV-D31SA-1 ----AV-D33SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D33SA-1 07369 1018 REV1	RUSKIN RUSKIN CD-82-3V-2	AB21 DUCT 242.	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	2	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH (1 OF 2)	AV-D33SA-1 07370 EA-180 QTR-105	RUSKIN NAMCO EA-180-213 02	AB21 DAMP, CNTLV 242.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D33SA-1 07371 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB21 VERT ON DA 242.	435205 < BE-25 90-BE-25-20-S24,S3	IEEE 344-7 5 ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D33SA-1 07372 A0S21678/ TR REV A	RUSKIN ASCO NP832DA173 E	AB21 ON OPERATR 242.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	ND	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D34SB-1 07373 1018 REV1	RUSKIN RUSKIN CD-82-3V-2	AB21 DUCT 234.	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D34SB-1 07374 EA-180 QTR-105	RUSKIN NAMCO EA-180-213 02	AB21 DAMP, CNTLV 234.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AV-D33SA-1 ----AV-D34SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSI TION	DAMPERS / PNEUMATIC OPERATOR	AV-D34SB-1 07375 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	AB21 VERT ON DA / 236.	435205 < BE-25 90-BE-25-20-S2A,S3	IEEE 344-7 5 / ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D34SB-1 07376 / AQS21678/ TR REV A	RUSKIN / ASCO / NP8320A173 E	AB21 ON DP ERATR / 236.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72			3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D35SA-1 07377 / 1018 REV1	RUSKIN / RUSKIN / CD-82-3V-1	AB01 / DUCT / 206.	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D35SA-1 07378 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB01 DAMP, CNTLV / 206.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSI TION	DAMPERS / PNEUMATIC OPERATOR	AV-D35SA-1 07379 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	AB01 VERT ON DA / 206.	435205 < BE-25 90-BE-25-20-S2A,S3	IEEE 344-7 5 / ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D35SA-1 07380 / AQS21678/ TR REV A	RUSKIN / ASCO / NP8320A173 E	AB01 ON DP ERATR / 206.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D34SB-1 ----AV-D35SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D35SA-1 11798	RUSKIN / NAMCO CD-82-3V-1	AB01 / DUCT 206.	435205 / BE-25 90-BE-25-20-S1															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D36SB-1 07381 1018 REV1	RUSKIN / RUSKIN CD-82-3V-1	AB01 / DUCT 193.	435205 / BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D36SB-1 07382 EA-180 QTR-105	RUSKIN / NAMCO EA-180	AB01 DAMP, CNTLV / 193.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D36SB-1 07383 R1063-19, #37274-V3	RUSKIN / BETTIS CB-315	AB01 VERT ON DA / 193.	435205 < BE-25 90-BE-25-20-S24,S3	IEEE 344-7 5 ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEUMOPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D36SB-1 07384 AQS21678/TR REV A	RUSKIN / ASCO NP832DA173E	AB01 ON OP ERTR / 193.	435205 < BE-25 90-BE-25 90-BE-S6	IEEE 344-7 5,323 -74,3 82-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	#187A-SUP REPT
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D37SA-1 07385 1018 REV1	RUSKIN / RUSKIN CD-82-3V-2	AB21 / DUCT 249.	435205 / BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	B	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D35SA-1 ----AV-D37SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1161
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0165 REMOTE INDICAT ION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D37SA-1 07386 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB21 DAMP, CNTLV / 249.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSI TION	DAMPERS / PNEUMATIC OPERATOR	AV-D37SA-1 07387 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	AB21 VERT ON DA / 249.	435205 < BE-25 90-BE-25-20-S2A,S3	IEEE 344-7 5 ASME SECT III	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	YES	NO	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PR ESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D37SA-1 07388 / AQS21678/ TR REV A	RUSKIN / ASCO / NP8320A173 E	AB21 ON OP ERATR / 249.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICAT ION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D37SA-1 11800	RUSKIN / NAMCO / CD-82-3V-2	AB21 DUCT / 249.	435205 BE-25 90-BE-25-20-S1															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FL OW	DAMPERS / DAMPER	AV-D38SB-1 07389 1018 REV1 #1100	RUSKIN / RUSKIN / CB-315	AB21 HORIZ ON DA / 236.	435205 BE-25 90-BE-25-20-S1,S13	IEEE 344-7 5	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICAT ION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D38SB-1 07390 / EA-180 QTR-105	RUSKIN / NAMCO / EA180-2130 2	AB21 DAMP, CNTLV / 236.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AV-D37SA-1 ----AV-D38SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D38SB-1 07391 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB21 HORIZ ON DA 236.	435205 IEEE 344-75 ASME SECTIII	IEEE 344-75 ASME SECTIII	A		3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D38SB-1 07392 AQS21678/ TR REV A	RUSKIN ASCO NP8320A173E	AB21 ON OPERATR 236.	435205 < 3E-25 90-3E-25-20-S6	IEEE 344-75,323 -74,3 82-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D4SB-1 07393 1018REV1, #1074	RUSKIN RUSKIN CD-82-3V-2	AB31 CNTLV 268.	435205 3E-25 90-3E-25-20-S1,S14	IEEE 344-75	A	B	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D4SB-1 07394 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB31 DAMP, CNTLV 268.	435205 < 3E-25 90-3E-25-20-S7	IEEE 344-75,323 -74,3 82-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D4SB-1 07395 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB31 VERT ON DA 268.	435205 < 3E-25 90-3E-25-20-S2A,S3	IEEE 344-75 ASME SECTIII	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	YES	NO	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D4SB-1 07396 AQS21678/ TR REV A	RUSKIN ASCO NP832UA173E	AB31 ON OPERATR 268.	435205 < 3E-25 90-3E-25-20-S6	IEEE 344-75,323 -74,3 82-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D38SB-1 ----AV-D4SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D4SB-1	RUSKIN	AB31	435205															
	LIMIT SWITCH (2 OF 2)	11802	NAMCO	CNTLV	BE-25															
			CD-82-3V-2	268.	90-BE-25-20-S1,S14															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D5SA-1	RUSKIN	AB21	435205	IEEE 344-75	A		3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	07397 1018REV1, #1074	RUSKIN CD-82-3V-1	CNTLV 246.	BE-25 90-BE-25-20-S1,S14															
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D5SA-1	RUSKIN	AB21 DAMP,	435205 <	IEEE 344-75,323-74,382-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
	LIMIT SWITCH (1 OF 2)	07398 EA-180 QTR-105	NAMCO EA-180-213 D2	CNTLV 244.	BE-25 90-BE-25-20-S7															
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS	AV-D5SA-1	RUSKIN	AB21 VERT	435205 <	IEEE 344-75	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	PNEUMATIC OPERATOR	07399 R1063-19, #37274-V3	BETTIS CB-315	ON DA 246.	BE-25 90-BE-25-20-S2A,S3	ASME SECT III														
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS	AV-D5SA-1	RUSKIN	AB21 ON OP	435205 <	IEEE 344-75,323-74,382-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	07400 AQS21678/TR REV A	ASCO NP8320A173E	ERATR 246.	BE-25 90-BE-25-20-36															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D52SA-1	RUSKIN	AB21	435205 <	IEEE 344-75	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	07401 1018 REV1 #1100	RUSKIN CD-82-3V-1	DUCT, 245.	BE-25 90-BE-25-20-S1,S13															

TAGS INCLUDED: AV-D4SB-1 ----AV-D52SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D52SA-1 07402 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB21 DAMP, CNTLV 245.	435205 < 9E-25 90-9E-25-20-S7	IEEE 344-75,323-74,382-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D52SA-1 07403 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB21 VERT ON DA 245.	435205 < 9E-25 90-9E-25-20-S24,S3	IEEE 344-75 ASME SECT III		B	3G HOR 3G VERT	3G HOR. 3G VERT	YES	NO	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEUOPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D52SA-1 07404 AQS21678/TR REV A	RUSKIN ASCO NF8320A173E	AB21 ON OP ERATR 245.	435205 < 9E-25 90-9E-25-20-S6	IEEE 344-75,323-74,382-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH (2 OF 2)	AV-D52SA-1 11910	RUSKIN NAMCO CD-82-3V-1	AB21 DUCT, 245.	435205 < 9E-25 90-9E-25-20-S1,S13															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D53SB-1 07405 1018 REV1	RUSKIN RUSKIN CD-82-3V-1	AB21 DUCT, 247.	435205 9E-25 90-9E-25-20-S1	IEEE 344-75	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D53SB-1 07406 EA-180 QTR-105	RUSKIN NAMCO EA-180	DG31 DAMP, CNTLV 247.	435205 9E-25 90-9E-25-20-S7	IEEE 344-75,323-74,382-72	A		3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AV-D52SA-1 ----AV-D53SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	PLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION/METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D53SB-1 07407 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB21 VERT ON DA 247.	435205 BE-25 90-BE-25-20 S2A,S3	IEEE 344-7 5 ASME SECT III	A	B	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D56SA-1 07409 1018REV1	RUSKIN RUSKIN CD-82-3V-1	AB21 DUCT, 248.	435205 < BE-25 90-BE-25-20 S1	IEEE 344-7 5	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AV-D56SA-1 07410 721.77.09 5,59238-1	RUSKIN ITT NH-96	AB21 ON DA MPER, 248.	435205 < BE-25 90-BE-25-20 S4	IEEE 344-7 5,382 -72	A	D	3G HOR 3G VERT	3 G HOR 3 G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D56SA-1 07411 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB21 248.	435205 < BE-25 90-BE-25-20 S1	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH (2 OF 2)	AV-D56SA-1 11807	RUSKIN NAMCO CD-82-3V-1	AB21 DUCT, 248.	435205 < BE-25 90-BE-25-20 S1															
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D57SB-1 07412 1018 REV1	RUSKIN RUSKIN CD-82-3V-1	AB21 DUCT, 248.	435205 < BE-25 90-BE-25-20 S1	IEEE 344-7 5	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D53SB-1 ----AV-D57SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
			MODEL NO	ELEV	SORT #														
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AV-D57SB-1 07413 721.77.09 5,5923&-1	RUSKIN ITT NH-96	AB21 ON DAMPER, 248.	435205 < BE-25 99-BE-25-20 S4	IEEE 344-75,382-72	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO 4649
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D57SB-1 07414 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB21 DAMP, CNTLV 248.	435205 < BE-25 99-BE-25-20 S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH (2 OF 2)	AV-D57SB-1 11808	NAMCO EA-180		<														
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D58SA-1 07415 1018 REV1 #1100	RUSKIN RUSKIN CD-82-3V-1	AB21 DUCT, 247.	435205 BE-25 99-BE-25-20 S1,S13	IEEE 344-75	A	C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D58SA-1 07416 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB21 DAMP, CNTLV 247.	435205 < BE-25 99-BE-25-20 S7	IEEE 344-75,323-74,382-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D58SA-1 07417 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB21 HORIZ ON DA 247.	435205 < BE-25 99-BE-25-20 S2&,S3	IEEE 344-75 ASME SECT III	A	C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D57SB-1 ----AV-D58SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	RQ/ITM	QUAL CODES	STA		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D58SA-1 07418 AGS21678/TR REV A	RUSKIN ASCO NP8320A173E	AB21 ON OPERATR 247.	435205 < 9E-25 90-9E-125-20-S6	IEEE 344-75,323-74,382-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH (2 OF 2)	AV-D58SA-1 11809	RUSKIN NAMCO CD-82-3V-1	AB21 DUCT, 247.	435205 9E-25 90-9E-125-20 S1,S13															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D59SB-1 07419 1018 REV1	RUSKIN RUSKIN CD-82-3V-1	AB21 HORIZ DUCT, 247.	435205 9E-25 90-9E-125-20 S1	IEEE 344-75	A	C	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D59SB-1 07420 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB21 DAMP, CNTLV 247.	435205 < 9E-25 90-9E-124-20-S7	IEEE 344-75,323-74,382-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D59SB-1 07421 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	AB21 HORIZ ON DA 247.	435205 < 9E-25 90-9E-125-20-S24,S3	IEEE 344-75 ASME SECT III	A	C	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D59SB-1 07422 AGS21678/TR REV A	RUSKIN ASCO NP832UA173F	AB21 ON OPERATR 247.	435205 < 9E-25 90-9E-125-20 S6	IEEE 344-75,323-74,382-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D58SA-1 ----AV-D59SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D59S8-1 / 11810	NAMCO / EA-180		<															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D6S8-1 / 07423 1018REV1, #1074	RUSKIN / RUSKIN CD-82-3V-1	AB21 / CNTLV 250.	435205 < 3E-25 90-3E-1 25-20 S1,S14	IEEE 344-7 5	A	D	3 G HORI 3 G VERT / 3 G HORI 3 G VERT		X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (1 OF 2)	AV-D6S9-1 / 07424 EA-180 QTR-105	RUSKIN / NAMCO / EA-180-213 02	AB21 DAMP, CNTLV 250.	435205 < 3E-25 90-3E-1 25-20 S7	IEEE 344-7 5,323 -74,3 82-72	A		3 G HOR 3 G VERT / 3 G HOR 3 G VERT		X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D6S9-1 / 07425 R1063-19, #37274-V3	RUSKIN / BETTIS CB-315	AB21 VERT ON DA 250.	435205 < 3E-25 90-3E-1 25-20 S24,S3	IEEE 344-7 5 ASME SECT III	A	D	3 G HORI 3 G VERT / 3 G HORI 3 G VERT		X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D6S9-1 / 07426 AQS21678/ TR REV A	RUSKIN / ASCO NP832CA173 E	AB21 ON OP ERATR 250.	435205 < 3E-25 90-3E-1 25-20 S6	IEEE 344-7 5,323 -74,3 82-72			3G HOR 3G VERT / 3G HOR. 3G VERT		X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D60SA-1 / 07427 1018 REV1	RUSKIN / RUSKIN CD-82-3V-1	AB21 DUCT, 249.	435205 < 3E-25 90-3E-1 25-20 S1	IEEE 344-7 5	A	D	3 G HORI 3 G VERT / 3 G HORI 3 G VERT		X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D59S8-1 ----AV-D60SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0163	DAMPERS	AV-D6CSA-1 07428	RUSKIN ITT	AB21 ON DAMPER,	435205 < BE-25	IEEE 344-7 5,382	A	D	3G HOR 3G VERT	3 G HOR 3 G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO 4649
CONTROL POSITION OF DAMPER	ELECTRO-HYD OPERATOR	721.77.09 5,59238-1	NH-96	248.	90-BE-25-20 S4	-72														
REAC.AUX.BLDG HVAC 0163	DAMPERS	AV-D6DSA-1 07429	RUSKIN NAMCO	AB21 DAMP, CNTLV	435205 < BE-25	IEEE 344-7 5,323	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	248.	90-BE-25-20-S7	-74,3 82-72														
REAC.AUX.BLDG HVAC 0163	DAMPERS	AV-D61SB-1 07430	RUSKIN RUSKIN	AB21 DUCT,	435205 < BE-25	IEEE 344-7 5	A	D	3 G HORI 3 G VERT	3 G HORI 3 G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1018 REV1	CD-82-3V-1	248.	90-BE-25-20 S1	ASME SECT III														
REAC.AUX.BLDG HVAC 0163	DAMPERS	AV-D61SB-1 07431	RUSKIN ITT	AB21 ON DAMPER,	435205 < BE-25	IEEE 344-7 5,382	A	D	3G HOR 3G VERT	3 G HOR 3 G VERT	X	NA	NA	MF	MD	<33 HZH	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
CONTROL POSITION OF DAMPER	ELECTRO-HYD OPERATOR	721.77.09 5,59238-1	NH-96	248.	90-BE-25-20-S4	-72														
REAC.AUX.BLDG HVAC 0163	DAMPERS	AV-D61SB-1 07432	RUSKIN NAMCO	AB21 DAMP, CNTLV	435205 < BE-25	IEEE 344-7 5,323	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	248.	90-BE-25-20-S7	-74,3 82-72														
REAC.AUX.BLDG HVAC AV0046	DAMPERS	AV-D61SB-1 11826	RUSKIN NAMCO	AB21 DUCT,	435205 < BE-25															
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH (2 OF 2)		CD-82-3V-1	248.	90-BE-25-20 S1															

TAGS INCLUDED: AV-D6DSA-1 ----AV-D62SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS		ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q I												
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D62SA-1 07433	RUSKIN	AB21 DUCT HORIZ	435205 BE-25	IEEE 344-7 5	A C	3G HORI 3G	3G HOR 3G	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1018 REV1	CD-82-3V-1	247.	90-BE-25-20-S1			VERT	VERT										
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D62SA-1 07434	RUSKIN	AB21 DAMP, CNTLV	435205 < BE-25	IEEE 344-7 5,323	A	3 G HOR 3 G	3 G HOR 3 G	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	NAMCO EA-180-213 02	247.	90-BE-25-20 S7	-74,3 82-72		VERT	VERT										
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D62SA-1 07435	RUSKIN	AB21 HORIZ ON DA	435205 < BE-25	IEEE 344-7 5	A C	3G HORI 3G	3G HOR 3G	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
HOLD DAMPER IN REQUIRED POSITION	PNEUMATIC OPERATOR	R1063-19, #37274-V3	BETTIS CR-315	247.	90-BE-25-20 S2A,S3	ASME SECT III		VERT	VERT										
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D62SA-1 07436	RUSKIN	AB21 ON OP ERATR	435205 < BE-25	IEEE 344-7 5,323	C	3G HOR 3G	3G HOR. 3G	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR PRESSURE IN PNEUMOPER CYLINDER	SOLENOID VALVE	AOS21678/ TR REV A	ASCO NP8320A173 E	247.	90-BE-25-20-S6	-74,3 82-72		VERT	VERT										
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D63SB-1 07437	RUSKIN	AB21 DUCT HORIZ	435205 BE-25	IEEE 344-7 5	A C	3G HORI 3G	3G HOR 3G	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1018 REV1	CD-82-3V-1	247.	90-BE-25-20 S1			VERT	VERT										
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D63SB-1 07438	RUSKIN	AB21 DAMP, CNTLV	435205 < BE-25	IEEE 344-7 5,323	A C	3 G HOR 3 G	3 G HOR 3 G	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	NAMCO EA-180-213 02	247.	90-BE-25-20 S7	-74,3 82-72		VERT	VERT										

TAGS INCLUDED: AV-D62SA-1 ----AV-D63SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D63SB-1 07439 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	AB21 HORIZ ON DA / 247.	435205 < 3E-25 90-9E-25-20-S2A,S3	IEEE 344-7 5 / ASME SECT III	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D63SB-1 07440 / AQS21678/ TR REV A	RUSKIN / ASCO / NP8320A173 E	AB21 ON OP ERATR / 247.	435205 < 3E-25 90-9E-25-20 S6	IEEE 344-7 5,323 -74,3 82-72			3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D64SA-1 07441 / 1018 REV1	RUSKIN / RUSKIN / CD-82-3V-1	AB21 DUCT HORIZ / 247.	435205 < 3E-25 90-9E-25-20 S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS / ELECTRO-HYD OPERATOR	AV-D64SA-1 07442 / 721.77.09 5,5923&-1	RUSKIN / ITT / NH-96	AB21 ON DA MPER, / 247.	435205 < 3E-25 90-9E-25-20 S4	IEEE 344-7 5,382 -72	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D64SA-1 07443 / EA-18C GTR-105	RUSKIN / NAMCO / EA-180	AB21 DAMP, CNTLV / 247.	435205 < 3E-25 90-9E-25-20 S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D64SA-1 11820	NAMCO / EA-180		<															

TAGS INCLUDED: AV-D63SB-1 ----AV-D65SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PC/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D65SB-1 07444 1018 REV1	RUSKIN RUSKIN CD-82-3V-1	AB21 DUCT HORIZ 247.	435205 < 8E-25 90-8E-25-20 S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	ELECTRO-HYD OPERATOR	AV-D65SB-1 07445 721.77.09 5,59238-1	RUSKIN ITT NH-96	AB21 ON DAMPER, 247.	435205 < 8E-25 90-8E-25-20 S4	IEEE 344-7 5,382 -72	A	D	3G HORI 3G VERT	3G HORI 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D65SB-1 07446 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB21 DAMP, CNTLV 247.	435205 < 8E-25 90-8E-25-20 S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC AVOC46 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH (2 OF 2)	AV-D65SB-1 11817	RUSKIN NAMCO CD-82-3V-1	AB21 DUCT HORIZ 247.	435205 < 8E-25 90-8E-25-20 S1															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D66SA-1 07447 1018 REV1	RUSKIN RUSKIN CD-82-3V-1 02	AB21 DUCT, HORIZ 247.	435205 < 8E-25 90-8E-25-20 S1	IEEE 344-7 5	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D66SA-1 07448 EA-180 QTR-105	RUSKIN NAMCO EA-180-213 02	AB21 DAMP, CNTLV 247.	435205 < 8E-25 90-8E-25-20 S7	IEEE 344-7 5,323 -74,3 82-72	A		3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AV-D65SB-1 ----AV-D66SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D66SA-1 07449 R1063-19, #37274-V3	USKIN / BETTIS CB-315	AB21 HORIZ ON DA 247.	435205 < BE-25 90-BE-25-20-S2A,S3	IEEE 344-7 S / ASME SECT III	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D66SA-1 07450 AGS21678/ TR REV A	RUSKIN / ASCO NP8320A173E	AB21 ON OP ERATOR 247.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D67SB-1 07451 1018 REV1	RUSKIN / RUSKIN CD-82-3V-1	AB21 DUCT, HORIZ 247.	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 S	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D67SB-1 07452 EA-180 QTR-105	RUSKIN / NAMCO EA-180-213 D2	AB21 DAMP, CNTLV 247.	435205 < BE-25 90-BE-25-20 S7	IEEE 344-7 5,323 -74,3 82-72	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D67SB-1 07453 R1063-19, #37274-V3	RUSKIN / BETTIS CB-315	AB21 HORIZ ON DA 247.	435205 < BE-25 90-BE-25-20 S2A,S3	IEEE 344-7 S / ASME SECT III	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D67SB-1 07454 AGS21678/ TR REV A	RUSKIN / ASCO NP8320A173E	AB21 ON OP ERATOR 247.	435205 < BE-25 90-BE-25-20-S4	IEEE 344-7 5,323 -74,3 82-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D66SA-1 ----AV-D68SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #		Q	I												
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS	AV-D68SA-1 07455	RUSKIN	AB21 DUCT, HORIZ	435205 < BE-25 90-BE-25-20 S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	1018 REV1	RUSKIN CD-82-3V-1	248.																
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS	AV-D68SA-1 07456	RUSKIN	AB21 ON DAMPER,	435205 < BE-25 90-BE-25-20 S4	IEEE 344-7 5,382-72	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO.4649
	ELECTRO-HYD OPERATOR	721.77.09 5,59238-1	ITT NH-96	248.																
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D68SA-1 07457	RUSKIN	AB21 DAMP, CNTLV	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323-74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
	LIMIT SWITCH	EA-180 QTR-105	NAMCO EA-180	248.																
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D68SA-1 11816	NAMCO		<															
	LIMIT SWITCH (2 OF 2)		EA-180																	
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS	AV-D69SB-1 07458	RUSKIN	AB21 DUCT, HORIZ	435205 < BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	1018 REV1	RUSKIN CD-82-3V-1	248.																
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS	AV-D69SB-1 07459	RUSKIN	AB21 ON DAMPER,	435205 < BE-25 90-BE-25-20 S4	IEEE 344-7 5,382-72	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
	ELECTRO-HYD OPERATOR	721.77.09 5,59238-1	ITT NH-96	248.																

TAGS INCLUDED: AV-D68SA-1 ----AV-D69SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1175
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR
			MODEL NO	ELEV	SORT #		Q	I											
REAC.AUX.BLDG HVAC 0163	DAMPERS	AV-D69SB-1 07460	RUSKIN NAMCO	AB21 DAMP, CNTLV	435205 < BE-25	IEEE 344-7 5,323	A	D	3 G HOR 3 G	3 G HOR 3 G	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	248.	90-BE-25-20 S7	-74,3 82-72			VERT	VERT									
REAC.AUX.BLDG HVAC AV0046	DAMPERS	AV-D69SB-1 11815	RUSKIN NAMCO	AB21 DUCT, HORIZ	435205 < BE-25														
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH (2 OF 2)		CD-82-3V-1	248.	90-BE-25-20 S1														
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D7SA-1 07461	RUSKIN RUSKIN	AB21 DAMP, CNTLV	435205 BE-25	IEEE 344-7 5	A	D	3G HORI 3G	3G HOR 3G	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1018REV1, #1074	EA-180	234.	90-BE-25-20 S1,S14				VERT	VERT									
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D7SA-1 07462	RUSKIN NAMCO	AB21 DAMP, CNTLV	435205 < BE-25	IEEE 344-7 5,323	A	D	3 G HOR 3 G	3 G HOR 3 G	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	234.	90-BE-25-20 S7	-74,3 82-72			VERT	VERT									
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D7SA-1 07463	RUSKIN BETTIS	AB21 VERT ON OPERATOR	435205 < BE-25	IEEE 344-7 5 ASME SECT III	A	D	3G HORI 3G	3G HOR 3G	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
HOLD DAMPER IN REQUIRED POSITION	PNEUMATIC OPERATOR	R1063-19, #37274-V3	CB-315	236.	90-BE-25-20 S2A,S3				VERT	VERT									
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D7SA-1 07464	RUSKIN ASCO	AB21 ON OPERATOR	435205 < BE-25	IEEE 344-7 5,323		D	3G HOR 3G	3G HOR. 3G	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR PRESSURE IN PNEUMOPER CYLINDER	SOLENOID VALVE	AQS21678/ TR REV A	NP8320A173 E	236.	90-BE-25-20 S6	-74,3 82-72			VERT	VERT									

TAGS INCLUDED: AV-D69SB-1 ----AV-D7SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
			MODEL NO	ELEV	SORT #													
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D7SA-1 / 11814	NAMCO / EA-180		<													
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D70SA-1 / 07465 / 1018 REV1	RUSKIN / RUSKIN / CD-82-3V-1	AB21 DUCT, HORIZ / 247.	435205 < BF-25 90-BE-25-20-S1	IEEE 344-75	A C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D7CSA-1 / 07466 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180-213 02	AB21 DAMP, CNTLV / 247.	435205 < BF-25 90-BE-25-20-S7	IEEE 344-75,323-74,382-72	A C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D7CSA-1 / 07467 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	AB21 HORIZ ON DA / 247.	435205 < BF-25 90-BE-25-20-S2A,S3	IEEE 344-75 ASME SECT III	A C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEUMOPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D7CSA-1 / 07468 / AGS21678/ TR REV A	RUSKIN / ASCO / NP8320A173E	AB21 ON OPERATR / 247.	435205 < BF-25 90-BE-25-20-S6	IEEE 344-75,323-74,382-72	C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D71SB-1 / 07469 / 1018 REV1	RUSKIN / RUSKIN / CD-82-3V-1	AB21 DUCT, HORIZ / 247.	435205 BF-25 90-BE-25-20-S1	IEEE 344-75	A C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D7SA-1 ----AV-D71SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D71SB-1 07470	RUSKIN NAMCO	AB21 DAMP, CNTLV	435205 < BE-25	IEEE 344-75,323	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180-213 02	247.	90-BE-25-20-S7	-74,382-72														
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D71SB-1 07471	RUSKIN BETTIS	AB21 HORIZ ON DA	435205 < BE-25	IEEE 344-75	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
HOLD DAMPER IN REQUIRED POSITION	PNEUMATIC OPERATOR	R1063-19, #37274-V3	CB-315	247.	90-BE-25-20-S24,S3	ASME SECT III														
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D71SB-1 07472	RUSKIN ASCO	AB21 ON OPERATR	435205 < BE-25	IEEE 344-75,323		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	SOLENOID VALVE	AQS21678/ TR REV A	NP8320A173 E	247.	90-BE-25-20-S6	-74,382-72														
REAC.AUX.BLDG HVAC 0163	DAMPERS	AV-D72SA-1 07473	RUSKIN RUSKIN	AB21 DUCT, HORIZ	435205 < BE-25	IEEE 344-75	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1018 REV1	CD-82-3V-1	248.	90-BE-25-20-S1															
REAC.AUX.BLDG HVAC 0163	DAMPERS	AV-D72SA-1 07474	RUSKIN ITT	AB21 ON DAMPER,	435205 < BE-25	IEEE 344-75,382	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO 4649
CONTROL POSITION OF DAMPER	ELECTRO-HYD OPERATOR	721.77.09 5,59238-1	NH96	248.	90-BE-25-20-S4	-72														
REAC.AUX.BLDG HVAC 0163	DAMPERS	AV-D72SA-1 07475	RUSKIN NAMCO	AB21 DAMP, CNTLV	435205 < BE-25	IEEE 344-75,323	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	248.	90-BE-25-20-S7	-74,382-72														

TAGS INCLUDED: AV-D71SB-1 ----AV-D72SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR
			MODEL NO	ELEV	SORT #														
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D72SA-1 / 11825	RUSKIN / NAMCO / CD-82-3V-1	AB21 DUCT, HORIZ / 248.	435205 < BE-25 90-BE-25-20-S1														
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D73SB-1 / 07476 / 1018 REV1	RUSKIN / RUSKIN / CD-82-3V-1	AB21 DUCT, HORIZ / 248.	435205 < BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS / ELECTRO-HYD OPERATOR	AV-D73SB-1 / 07477 / 721.77.09 5,59238-1	RUSKIN / ITT / NH96	AB21 ON DAMPER, / 248.	435205 < BE-25 90-BE-25-20-S4	IEEE 344-7 5,382 -72	A	D	3G HORI 3G VERT	3G HORI 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>3 HZ	NA	ALSO REPT NO 4649
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D73SB-1 / 07478 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB21 DAMP, CNTLV / 248.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D73SB-1 / 11823	NAMCO / EA-180		<														
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D74SA-1 / 07479 / 1018 REV1	RUSKIN / RUSKIN / CD-82-3V-1	AB21 DUCT, HORIZ / 247.	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D72SA-1 ----AV-D74SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	LOAD INPUT ZPA SSE	LOAD INPUT SEISMIC	LOAD INPUT OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	QUALIFICATION METHOD TEST FREQ	QUALIFICATION METHOD TEST DIR	LOWEST NATURAL FREQUENCY F/B	LOWEST NATURAL FREQUENCY S/S	LOWEST NATURAL FREQUENCY V	FLOOR RESP. SPECTR	REMARKS
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D74SA-1 07480	RUSKIN NAMCO	AB21 DAMP, CNTLV	435205 < 8E-25	IEEE 344-7 5,323	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	247.	90-8E-25-20-S7	-74,3 82-72														
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D74SA-1 07481	RUSKIN BETTIS	AB21 HORIZ ON DA	435205 < 8E-25	IEEE 344-7 5	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
HOLD DAMPER IN REQUIRED POSITION	PNEUMATIC OPERATOR	R1063-19, #37274-V3	CB-315	247.	90-8E-25-20-S24,S3	ASME SECT III														
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D74SA-1 07482	RUSKIN ASCO	AB21 ON OPERATR	435205 < 8E-25	IEEE 344-7 5,323		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	SOLENOID VALVE	AQS21678/ TR REV A	NP8320A173E	247.	90-8E-25-20-S6	-74,3 82-72														
REAC.AUX.BLDG HVAC AVOG46	DAMPERS	AV-D74SA-1 11822	RUSKIN NAMCO	AB21 DUCT, HORIZ	435205 8E-25															
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH (2 OF 2)		CD-82-3V-1	247.	90-8E-25-20-S1															
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D75SB-1 07483	RUSKIN RUSKIN	AB21 DAMP, CNTLV	435205 8E-25	IEEE 344-7 5	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	1018REV1	EA-180	247.	90-8E-25-20-S1															
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D75SB-1 07484	RUSKIN NAMCO	AB21 DAMP, CNTLV	435205 < 8E-25	IEEE 344-7 5,323	A	C	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	247.	90-8E-25-20-S7	-74,3 82-72														

TAGS INCLUDED: AV-D74SA-1 ----AV-D75SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SPOT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D75SB-1 07485 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	AB21 HORIZ ON DA / 247.	435205 < BE-25 / 90-BE-25-20-S24,S3	IEEE 344-75 / ASME SECT III	A	C	3G HORI 3G VERT / 3G HOR 3G VERT		X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	SOLENOID VALVE	07486 / AQS21678/ TR REV A	ASCO / NP8320A173 E	AB21 ON DO ERATR / 247.	435205 < BE-25 / 90-BE-25-20-S4	IEEE 344-75,323-74,382-72		C	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D75SB-1 11824	NAMCO / EA-180		<															
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D78SA-1 07487 / 1018 REV1	RUSKIN / RUSKIN / CD-82-3V-2	AB21 DUCT, VERT / 250.	435205 BE-25 / 90-BE-25-20-S1	IEEE 344-75	A	D	3G HORI 3G VERT / 3G HOR 3G VERT		X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D78SA-1 07488 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB21 DAMP, CNTLV / 250.	435205 < BE-25 / 90-BE-25-20-S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT / 3 G HOR 3 G VERT		X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D78SA-1 07489 / R1063-21, #37274-V3	RUSKIN / BETTIS / CB-415	AB21 VERT ON DA / 250.	435205 < BE-25 / 90-BE-25-20-S28,S3	IEEE 344-75 / ASME SECT III	A	D	3G HORI 3G VERT / 3G HOR 3G VERT		X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D75SB-1 ----AV-D78SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0165	DAMPERS	AV-D78SA-1 07490	RUSKIN ASCO	AB21 ON OPERATR	435205 < 8E-25 90-8E-25-20-S6	IEEE 344-75,323 -74,382-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	SOLENOID VALVE	AQS21678/TR REV A	NP8320A173E	250.																
REAC.AUX.BLDG HVAC AVUC46 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D78SA-1 11903	RUSKIN NAMCO	AB21 DUCT, VERT	435205 8E-25 90-8E-25-20-S1															
	LIMIT SWITCH (2 OF 2)		CD-82-3V-2	250.																
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D79SB-1 07491	RUSKIN NAMCO	AB21 DAMP, CNTLV	435205 < 8E-25 90-8E-25-20-S7	IEEE 344-75,323 -74,382-72	A	B	3 G HOR 3.G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
	LIMIT SWITCH	EA-180 QTR-105	EA-180	247.																
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D79SB-1 07492	RUSKIN RUSKIN	AB21 DUCT, VERT	435205 8E-25 90-8E-25-20-S1	IEEE 344-75	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	1018REV1	CD-82-3V-2	247.																
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS	AV-D79SB-1 07493	RUSKIN BETTIS	AB21 VERT ON OPERATR	435205 < 8E-25 90-8E-25-20-S23,S3	IEEE 344-75 ASME SECTIII	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	PNEUMATIC OPERATOR	R1063-21, #37274-V3	CB-415	247.																
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS	AV-D79SB-1 07494	RUSKIN ASCO	AB21 ON OPERATR	435205 < 8E-25 90-8E-25-20-S6	IEEE 344-75,323 -74,382-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	AQS21678/TR REV A	NP832GA173E	247.																

TAGS INCLUDED: AV-D78SA-1 ----AV-D79SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D79SB-1 11858	RUSKIN NAMCO	AB21 DUCT, VERT	435205 BE-25 90-BE-25-20-S1	IEEE 344-75,323-74,382-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
	LIMIT SWITCH (2 OF 2)	AQS21678/TR REV A	CD-82-3V-2	247.																
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D8SB-1 07495	RUSKIN RUSKIN	AB21 CNTLV VERT	435205 < BE-25 90-BE-25-20-S1,S14	IEEE 344-75	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	1G18REV1, #1074	CD-82-3V-1	240.																
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D8SB-1 07496	RUSKIN. NAMCO	AB21 DAMP, CNTLV	435205 < BE-25 90-BE-25-20-S7	IEEE 344-75,323-74,382-72	A		3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
	LIMIT SWITCH (1 OF 2)	EA-180 QTR-105	EA-180-213 02	240.																
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS	AV-D8SB-1 07497	RUSKIN BETTIS	AB21 ON OPERATOR	435205 < BE-25 90-BE-25-20-S2A,S3	IEEE 344-75 ASME SECT III	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	PNEUMATIC OPERATOR	R1063-19, #37274-V3	NP8320A173E	240.																
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS	AV-D8SB-1 07498	RUSKIN ASCO	AB21 ON OPERATOR	435205 < BE-25 90-BE-25-20-S6	IEEE 344-75,323-74,382-72			3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	AQS21678/TR REV A	NP8320A173E	240.																
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D8SB-1 10838	NAMCO	AB21	<			C												
	LIMIT SWITCH (2 OF 2)		EA-180-223 02	240.																

TAGS INCLUDED: AV-D79SB-1 ----AV-D82SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC AV0046 SERVING DAMPER AV-82SA-1	DAMPERS	AV-D82SA-1 08596	NAMCO	FH21	<	IEEE 344-75	C			3 G HOR 4 G VERT			X			>33 HZ			NA	
	LIMIT SWITCH (1 OF 2)		EA-180	252.																
REAC.AUX.BLDG HVAC AV0046 SERVING DAMPER AV-82SA-1	DAMPERS	AV-D82SA-1 10839	NAMCO	FH21	<			B												
	LIMIT SWITCH (2 OF 2)		EA-180-	252.																
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS	AV-D82SA-1 07501	RUDKIN BETTIS	FH21 VERT ON DA	435205 < BE-25 90-BE-125-20-S24,S3	IEEE 344-75 ASME SECT III	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	PNEUMATIC OPERATOR	R1063-19, #37274-V3	CB-315	252.																
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS	AV-D82SA-1 07499	RUSKIN RUSKIN	FH21 DUCT, VERT	435205 BE-25 90-3E-125-20-S1	IEEE 344-75	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
	DAMPER	1018REV1	CD-82-3V-1	252.																
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D82SA-1 07500	RUSKIN NAMCO	FH21 DAMP, CNTLV	435205 < BE-25 90-BE-125-20-S7	IEEE 344-75,323-74,382-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
	LIMIT SWITCH	EA-180 QTR-105	EA-180	252.																
FEAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS	AV-D82SA-1 07502	RUSKIN ASCO	FH21 ON DA ERATO	435205 < BE-25 90-BE-125-20-S6	IEEE 344-75,323-74,382-72			3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
	SOLENOID VALVE	AQS21678/TR REV A	NP8320A173E	252.																

TAGS INCLUDED: AV-D82SA-1 ----AV-D83SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D83SB-1 07503 1018REV1	RUSKIN RUSKIN CD-82-3V-1	FH21 DUCT, VERT 254.	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D83SB-1 07504 EA-180 QTR-105	RUSKIN NAMCO EA-180	FH21 DAMP, CNTLV 254.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D83SB-1 07505 R1063-19, #37274-V3	RUSKIN BETTIS CB-315	FH21 VERT ON DA 254.	435205 < BE-25 90-BE-25-20-S24,S3	IEEE 344-7 5 ASME SECT III	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D83SB-1 07506 AQS21678/TR REV A	RUSKIN ASCO NP832DA173E	FH21 ON OP ERATR 254.	435205 < BE-25 90-BE-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D86SA-1 07507 1018REV1	RUSKIN RUSKIN CD-82-3V-1	FH31 DUCT, VERT 270.	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D86SA-1 07508 EA-180 QTR-105	RUSKIN NAMCO EA-180	FH31 DAMP, CNTLV 270.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	B	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AV-D83SB-1 ----AV-D86SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA CBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D86SA-1 07509 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	FH31 VERT ON DA / 270.	435205 < BF-25 / 99-BF-25-20-S2A,S3	IEEE 344-7 5 / ASME SECT III	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS / SOLENOID VALVE	AV-D86SA-1 07510 / AQS21678/ TR REV A	RUSKIN / ASCO / NP8320A173 E	FH31 ON OP ERATR / 270.	435205 < BF-25 / 99-BF-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		B	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH (2 OF 2)	AV-D86SA-1 11821	RUSKIN / NAMCO / CD-82-3V-1	FH31 DUCT, VERT / 270.	435205 BF-25 / 99-BF-25-20-S1															
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D87SB-1 07512 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB31 DAMP, CNTLV / 272.	435205 < BF-25 / 99-BF-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D87SB-1 07511 / 1018REV1	RUSKIN / RUSKIN / CD-82-3V-1	AB31 DUCT, VERT / 272.	435205 BF-25 / 99-BF-25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS / PNEUMATIC OPERATOR	AV-D87SB-1 07513 / R1063-19, #37274-V3	RUSKIN / BETTIS / CB-315	AB31 VERT ON DA / 272.	435205 < BF-25 / 99-BF-25-20-S2A,S3	IEEE 344-7 5 / ASME SECT III	A		3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D86SA-1 ----AV-D87SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQPT #	STDS	Q	I	ORE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D87SB-1 07514 AQS21678/TR REV A	RUSKIN ASCO NP8320A173E	AB31 ON OPERATR 272.	435205 < 9E-25 90-9E-25-20-S6	IEEE 344-75,323 -74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITON	DAMPERS LIMIT SWITCH (2 OF 2)	AV-D87SB-1 11812	RUSKIN NAMCO CD-82-3V-1	AB31 DUCT, VERT 272.	435205 9E-25 90-9E-25-20-S1														
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D88SA-1 07515 1018REV1	RUSKIN RUSKIN CD-82-3V-1	AB31 DUCT, HORIZ 268.	435205 < 9E-25 90-9E-25-20-S1	IEEE 344-75	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AV-D88SA-1 07516 721.77.09 5,59238-1	RUSKIN ITT NH96	AB31 ON DAMPER, 268.	435205 < 9E-25 90-9E-25-20-S4	IEEE 344-75,382-72	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D88SA-1 07517 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB31 DAMP, CNTLV 268.	435205 < 9E-25 90-9E-25-20-S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D89SB-1 07185 1018REV1	RUSKIN RUSKIN CD-82-3V-1	AB31 DUCT, 271.	435205 < 9E-25 90-9E-25-20-S1	IEEE 344-75	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	SEE REC# 07518 FOR OPERATOR

TAGS INCLUDED: AV-D87SB-1 ----AV-D89SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D89SB-1 07186 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB31 DAMP, CNTLV 271.	435205 < 3E-25 90-9E-25-20-S7	IEEE 344-7 5,323 -74 382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AV-D89SB-1 07518 721.77.09 5,5923%-1	RUSKIN ITT NH-96	AB31 ON DAMPER, 271.	435205 < 3E-25 90-9E-25-20-S4	IEEE 344-7 5,382 -72	A	D	3G HORI 3G VERT	3G HORI 3G VERT	X	NA	NA	MF	MD	<33	<33	>33	NA	SEE REC# 07185&071 86FOR DAMPER&LIMIT SW.ALSO REPT 4649
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D9SA-1 07519 1018REV1, #1074	RUSKIN RUSKIN CD-82-3V-2	AB31 CNTLV VERY 271.	435205 3E-25 90-9E-25-20-S1,S14	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D9SA-1 07520 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB31 DAMP, CNTLV 271.	435205 < 3E-25 90-9E-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0165 HOLD DAMPER IN REQUIRED POSITION	DAMPERS PNEUMATIC OPERATOR	AV-D9SA-1 07521 R1063-21, #37274-V3	RUSKIN BETTIS CB-415	AB31 VERT ON DA 271.	435205 < 3E-25 90-9E-25-20-S23,S3	IEEE 344-7 5 ASME SECT III	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	DAMPERS SOLENOID VALVE	AV-D9SA-1 07522 AQS21678/ TR REV A	RUSKIN ASCO NP8320A173E	AB31 ON OPERATO 271.	435205 < 3E-25 90-9E-25-20-S6	IEEE 344-7 5,323 -74,3 82-72		D	3G HOR 3G VERT	3G HOR. 3G VERT	X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-D89SB-1 ----AV-D9SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D9SA-1	RUSKIN	AB31 CNTLV	435205															
		11813	NAMCO	VERY	BE-25															
	LIMIT SWITCH (2 OF 2)		CD-82-3V-2	271.	90-BE-25-20-S1,S14															
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS	AV-D90SA-1	RUSKIN	AB31 DUCT	435205 <	IEEE 344-7	A	D	3G HORI	3G HOR	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
		07523	RUSKIN	VERT	BE-25	5			3G VERT	3G VERT										
	DAMPER	1018REV1	CD-82-3V-1	268.	90-BE-25-20-S1															
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS	AV-D9CSA-1	RUSKIN	AB31 ON DA	435205 <	IEEE 344-7	A	D	3G HOR	3G HOR	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO.4649
		07524	ITT	MPER,	BE-25	5,382			3G VERT	3G VERT										
	ELECTRO-HYD OPERATOR	721.77.09 5,59238-1	NH-96	268.	90-BE-25-20-S4	-72														
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS	AV-D90SA-1	RUSKIN	AB31 DAMP,	435205 <	IEEE 344-7	A	D	3 G HOR	3 G HOR	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
		07525	NAMCO	CNTLV	BE-25	5,323			3 G VERT	3 G VERT										
	LIMIT SWITCH	EA-180 QTR-105	EA-180	268.	90-BE-25-20-S7	-74,3 82-72														
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS	AV-D91SB-1	RUSKIN	AB31 DUCT,	435205 <	IEEE 344-7	A	D	3G HORI	3G HOR	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
		07526	RUSKIN	VERT	BE-25	5			3G VERT	3G VERT										
	DAMPER	1018REV1	CD-82-3V-1	268.	90-BE-25-20-S1															
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS	AV-D91SB-1	RUSKIN	AB31 ON DA	435205 <	IEEE 344-7	A	D	3G HORI	3G HORI	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO.4649
		07527	ITT	MPER,	BE-25	5,382			3G VERT	3G VERT										
	ELECTRO-HYD OPERATOR	721.77.09 5,59238-1	NH-96	268.	90-BE-25-20-S4	-72														

TAGS INCLUDED: AV-D9SA-1 ----AV-D91SB-1
SORT TYPE:SYSDES,FOTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D91SB-1 07528 / EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB31 DAMP, CNTLV / 269.	435205 < 8E-25 90-9E-25-20-S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D92SA-1 07529 1018REV1	RUSKIN / RUSKIN / CD-82-3V-1	AB31 DUCT, VERT / 269.	435205 < 8E-25 90-9E-25-20-S1	IEEE 344-75	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS / ELECTRO-HYD OPERATOR	AV-D92SA-1 07530 721.77.09 5,59238-1	RUSKIN / ITT / NH-96	AB31 ON DAMPER, / 269.	435205 < 8E-25 90-9E-25-20-S4	IEEE 344-75,382-72	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS / DAMPER	AV-D93SB-1 07532 1018REV1	RUSKIN / RUSKIN / CD-82-3V-1	AB31 DUCT, VERT / 269.	435205 < 8E-25 90-9E-25-20-S1	IEEE 344-75	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS / ELECTRO-HYD OPERATOR	AV-D93SB-1 07533 721.77.09 5,59238-1	RUSKIN / ITT / NH-96	AB31 ON DAMPER, / 269.	435205 < 8E-25 90-9E-25-20-S4	IEEE 344-75,382-72	A	D	3G HORI 3G VERT	3G HORI 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS / LIMIT SWITCH	AV-D93SB-1 07534 EA-180 QTR-105	RUSKIN / NAMCO / EA-180	AB31 DAMP, CNTLV / 269.	435205 < 8E-25 90-9E-25-20-S7	IEEE 344-75,323-74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AV-D91SB-1 ----AV-D96SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D96SA-1 07535 1018REV1	RUSKIN RUSKIN CD-82-3V-1	AB31 DUCT, VERT 274.	435205 < BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AV-D96SA-1 07536 721.77.09 5,59238-1	RUSKIN ITT NH-96	AB31 ON DAMPER, 274.	435205 < BE-25 90-BE-25-20-S4	IEEE 344-7 5,382 -72	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D96SA-1 07537 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB31 DAMP, CNTLV 274.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS DAMPER	AV-D97SB-1 07538 1018REV1	RUSKIN RUSKIN CD-82-3V-1	AB31 DUCT, VERT 271.	435205 < BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	AV-D97SB-1 07539 721.77.09 5,59238-1	RUSKIN ITT NH-96	AB31 ON DAMPER, 271.	435205 < BE-25 90-BE-25-20-S4	IEEE 344-7 5,382 -72	A	D	3G HORI 3G VERT	3G HORI 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0163 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	AV-D97SB-1 07540 EA-180 QTR-105	RUSKIN NAMCO EA-180	AB31 DAMP, CNTLV 271.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,3 82-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES

TAGS INCLUDED: AV-D96SA-1 ----AV-GD1SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0163 CONTROL AIR FLOW	DAMPERS DAMPER	AV-GD1SA-1 07541 1018REV1	RUSKIN RUSKIN CBS-7-8	AB31 DUCT, VERT 261	435205 BE-25 90-BE-25-20-S1,S12	IEEE 344-7 5	A D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
REAC.AUX.BLDG HVAC 0135 CONTROL AIR FLOW	DAMPERS DAMPER	AV-GD11SA-1 07542 1018REV1	RUSKIN RUSKIN CBS-7-8	AB21 DUCT, VERT 236.	435205 BE-25 90-BE-25-20-S1,S12	IEEE 344-7 5	A D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
REAC.AUX.BLDG HVAC 0135 CONTROL AIR FLOW	DAMPERS DAMPER	AV-GD12SB-1 07543 1018REV1	RUSKIN RUSKIN CBS-7-8	AB21 DUCT, VERT 236.	435205 BE-25 90-BE-25-20-S1,S12	IEEE 344-7 5	A D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
REAC.AUX.BLDG HVAC 0165 CONTROL AIR FLOW	DAMPERS DAMPER	AV-GD14SAB-1 07545 1018REV1	RUSKIN RUSKIN CBS-7-8	AB21 DUCT, VERT 236.	435205 BE-25 90-BE-25-20-S1,S12	IEEE 344-7 5	A C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
REAC.AUX.BLDG HVAC 0163 CONTROLW AIR FLOW	DAMPERS DAMPER	AV-GD2SB-1 07546 1018REV1	RUSKIN RUSKIN CBS-7-8	AB31 DUCT, VERT 261.	435205 BE-25 90-BE-25-20-S1,S12	IEEE 344-7 5	A C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
REAC.AUX.BLDG HVAC 0159 PROTECT DUCT WORK FROM NEG PRESSURE	DAMPERS TORNADO DAMPER	AV-Z5SN-1 07549 QAD RPT # DD-5388-5	QUALITY AIR DESIGN QUALITY AIR DESIGN	???? FLOOR 305.	435228 < BE-33 90-BE-33-20-S1	IEEE 344-7 5 ASTM -A307	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	N/A	DUCT DESIGN CONSTANT

TAGS INCLUDED: AV-GD1SA-1 ----AV-Z5SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0159 DAMPER POSITION INDICATION ON MCP	DAMPERS LIMIT SWITCH	AV-Z5SN-1 07550 NAMCORPT# EA170-302	QUALITY AIR DESIGN NAMCO EA-170	???? ACT 305.	435228 < 9E-33 90-9E-33-20-S1B	IEEE 344-75,382-72	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2 PER DAMPER
REAC.AUX.BLDG HVAC 0159 PROTECT DUCT WORK FROM NEG PRESSURE	DAMPERS TORNADO DAMPER	AV-Z8SN-1 07551 QAD RPT # DD-5388-5	QUALITY AIR DESIGN QUALITY AIR DESIGN	???? 305.	435228 < 9E-33 90-9E-33-20-S1	IEEE 344-75 ASTM-A307		D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	N/A	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0159 DAMPER POSITION INDICATION ON MCP	DAMPERS LIMIT SWITCH	AV-Z8SN-1 12 07552 NAMCORPT# EA170-302	QUALITY AIR DESIGN NAMCO EA-170	???? ACT 305.	435228 < 9E-33 90-9E-33-20-S1B	IEEE 344-75,382-72	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2 PER DAMPER
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH (2 OF 2)	CB-D1SA-1 11818	NAMCO EA-180		<															
REAC.AUX.BLDG HVAC AV0046 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH (2 OF 2)	CB-D2SB-1 11819	RUSKIN NAMCO CD-82-3V-3	AB41 DUCT, VERT 295.	435205 9E-25 90-35-25-20-S1															
REAC.AUX.BLDG HVAC 0156 CONTROL AIR FLOW	DAMPERS DAMPER	CZ-D1CSB-1 07622 1018REV1	RUSKIN RUSKIN CD-82-3V-2	AB52 DUCT, VERT 315.	435205 < 9E-25 90-35-25-20-S1	IEEE 344-75	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: AV-Z5SN-1 ----CZ-D1DSB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #															
REAC.AUX.BLDG HVAC 0156 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYDOPERATOR	CZ-D10SB-1 07623 721.77.09 5,59238-1	RUSKIN ITT NH-91	AB52 ON DAMPER, 315.	435205 < BE-25 90-BE-25-20-S4	IEEE 344-7 5,382 -72	A	D	3G HOR 3G VERT	3G HOR 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO 4649
REAC.AUX.BLDG HVAC 0156 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	CZ-D10SB-1 07624 EA-18C QTR-105	RUSKIN NAMCO EA-180	AB52 DAMP, CNTLV 315.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0156 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	CZ-D23SA-1 07649 721.77.09 5,59238-1	RUSKIN ITT NH-96	AB52 ON DAMPER, 305.	435205 < BE-25 90-BE-25-20-S4	IEEE 344-7 5,382 -72	A	D	3G HORI 3G VERT	3G HORI 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
REAC.AUX.BLDG HVAC 0156 REMOTE INDICATION OF DAMPER POSITION	DAMPERS LIMIT SWITCH	CZ-D23SA-1 07650 EA-18C QTR-105	RUSKIN NAMCO EA-180	AB52 DAMP, CNTLV 305.	435205 < BE-25 90-BE-25-20-S7	IEEE 344-7 5,323 -74,382-72	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REAC.AUX.BLDG HVAC 0156 CONTROL AIR FLOW	DAMPERS DAMPER	CZ-D24SB-1 07651 1018REV1	RUSKIN RUSKIN CD-82-3V-2	AB52 DUCT, VERT 305.	435205 < BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0156 CONTROL POSITION OF DAMPER	DAMPERS ELECTRO-HYD OPERATOR	CZ-D24SB-1 07652 721.77.09 5,59238-1	RUSKIN ITT NH-95	AB52 ON DAMPER, 305.	435205 < BE-25 90-BE-25-20-S4	IEEE 344-7 5,382 -72	A	D	3G HORI 3G VERT	3G HORI 3G VERT	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649

TAGS INCLUDED: CZ-D10SB-1 ----CZ-D24SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA			QUALIFICATION METHOD				LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC 0156	DAMPERS	CZ-D24SB-1	RUSKIN	AB52 DAMP,	435205 <	IEEE 344-7	A	D	3 G HOR	3 G HOR	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	07653 EA-180 QTR-105	NAMCO EA-180	CNTLV 305.	BE-25 90-3E-25-20-S7	5,323 -74,382-72			3 G VERT	3 G VERT										
REAC.AUX.BLDG HVAC 0156	DAMPERS	C7-D9SA-1	RUSKIN	AB52 ON DA	435205 <	IEEE 344-7	A	D	3G HORI	3G HORI	X	NA	NA	MF	MD	<33 HZ	<33 HZ	>33 HZ	NA	ALSO REPT NO. 4649
CONTROL POSITION OF DAMPER	ELECTRO-HYD OPERATOR	07664 721.77.09 5,5923&-1	ITT NH-91	MPER, 314.	BE-25 90-3E-25-20-S4	5,382 -72			3G VERT	3G VERT										
REAC.AUX.BLDG HVAC 0156	DAMPERS	CZ-D9SA-1	RUSKIN	AB52 DAMP,	435205 <	IEEE 344-7	A	D	3 G HOR	3 G HOR	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	07665 EA-180 QTR-105	NAMCO EA-180	CNTLV 314.	BE-25 90-3E-25-20-S7	5,323 -74,382-72			3 G VERT	3 G VERT										
REAC.AUX.BLDG HVAC 0156	DAMPERS	CZ-D9SA-1	RUSKIN	AB52 DUCT,	435205 <	IEEE 344-7	A	D	3G HORI	3G HOR	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
CONTROL AIR FLOW	DAMPER	07663 1018REV1	RUSKIN CD-82-3V-2	VERT 314.	BE-25 90-3E-25-20-S1	5			3G VERT	3G VERT										
REAC.AUX.BLDG HVAC 0149	DAMPERS	CZ-GD10SB-1	RUSKIN	AB52 DUCT,	435205	IEEE 344-7	A	D	3G HORI	3G HOR	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
CONTROL AIR FLOW	DAMPER	07666 1018REV1	RUSKIN CBS-7-B	HORIZ 305.	BE-25 90-3E-25-20-S1,S12	5			3G VERT	3G VERT										
REAC.AUX.BLDG HVAC 0156	DAMPERS	CZ-GD7SA-1	RUSKIN	AB52 DUCT,	435205	IEEE 344-7	A	D	3G HORI	3G HOR	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
CONTROL AIR FLOW	DAMPER	07667 1018REV1	RUSKIN CBS-7-B	VERT 305.	BE-25 90-3E-25-20-S1,S12	5			3G VERT	3G VERT										

TAGS INCLUDED: CZ-D24SB-1 ----CZ-GD8SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0156 CONTROL AIR FL OW	DAMPERS DAMPER	CZ-GD8SB-1 07668 1018REV1	RUSKIN RUSKIN CBS-7-B	AB52 DUCT, HORIZ 305.	435215 BE-25 90-BE-25-20-S1,S12	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
REAC.AUX.BLDG HVAC 0149 CONTROL AIR FL OW	DAMPERS DAMPER	CZ-GD9SA-1 07669 1018REV1	RUSKIN RUSKIN CBS-7-B	AB52 DUCT, HORIZ 305.	435205 BE-25 90-BE-25-20-S1,S12	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
REAC.AUX.BLDG HVAC 0149 PROTECT DUCT WORK FROM NEG PRESSURE	DAMPERS TORNADO DAMPER	CZ-X4SN-1 07672 QAD RPT # DD-5388-5	QUALITY AIR DESIGN QUALITY AIR DESIGN EA-170	AB52 ACT 319.	435228 < BE-33 90-BE-33-20-S1	IEEE 344-7 5 ASTM -A307	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	N/A	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0149 DAMPER POSITIO N INDICATION O N MCP	DAMPERS LIMIT SW ITCH	CZ-X4SN-1 07673 NAMCORPT# EA170-302	QUALITY AIR DESIGN NAMCO EA-170	AB52 ACT 319.	435229 < BE-33 90-BE-33-20-S18	IEEE 344-7 5,382 -72	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2 PER DAMPER
REAC.AUX.BLDG HVAC 0156 PROTECT DUCT WORK FROM NEG PRESSURE	DAMPERS TORNADO DAMPER	CZ-Z3SN-1 07676 QAD RPT # DD-5388-5	QUALITY AIR DESIGN QUALITY AIR DESIGN	AB52 DUCT 312.	435228 < BE-33 90-BE-33-20-S1	IEEE 344-7 5 ASTM -A307	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	N/A	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0156 DAMPER POSITIO N INDICATION O N MCP	DAMPERS LIMIT SWITCH	CZ-Z3SN-1 12 07677 NAMCORPT# EA170-302	QUALITY AIR DESIGN NAMCO EA-170	AB52 ACT 319.	435229 < BE-33 90-BE-33-20-S18	IEEE 344-7 5,382 -72	A	D	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2 PER DAMPER

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0156 MAINTAIN REL. HUMIDITY & TEM P.ON AIR	ELECTRIC HEATING COIL ELECTRIC HEATING COIL	EHC-23(1X -SN) 07801 EDI RPT # 1947-2	BRASCH BRASCH	AB52 DUCT 305.	435152 3E-22 90-9E- 22-20- S3	IEEE 344-7 5	B	C			X	NA	S	NA	NA					AH-16 SYS
REAC.AUX.BLDG HVAC 0156 MAINTAIN REL. HUMIDITY & TEM P.ON AIR	ELECTRIC HEATING COIL HEATER CONTROL	EHC-23(1X -SN) 07802 EDI RPT # 1947-2	BRASCH	AB52 DUCT 305.	435152 3E-22 90-9E- 22-20- S3	IEEE 344-7 5	B	D			X	NA	S	NA	NA					AH-16 SYS
REAC.AUX.BLDG HVAC 0156 MAINTAIN REL. HUMIDITY & TEM P.ON AIR	ELECTRIC HEATING COIL ELECTRIC HEATING COIL	EHC-25(1X -SN) 07805 EDI RPT # 1947-2	BRASCH BRASCH	AB52 DUCT 305.	435152 3E-22 90-9E- 22-20- S3	IEEE 344-7 5	B	C			X	NA	S	NA	NA					AH-16 SYS
REAC.AUX.BLDG HVAC 0156 MAINTAIN REL. HUMIDITY & TEM P.ON AIR	ELECTRIC HEATING COIL HEATER CONTROL	EHC-25(1X -SN) 07806 EDI RPT # 1947-2	BRASCH BRASCH	AB52 DUCT 305.	435152 3E-22 90-9E- 22-20- S3	IEEE 344-7 5	B	D			X	NA	S	NA	NA					AH-16 SYS
REAC.AUX.BLDG HVAC 0163 MAINTAIN REL. HUMIDITY & TEM P.OF AIR	ELECTRIC HEATING COIL HEATER CONTROL	EHC-30(1A -SA) 07809	BRASCH BRASCH	FH31 WMP1F S 261.	435152 3E-22 90-9E- 22-20- S1	IEEE 344-7 5	B	D											FH8-08 E;23,9 1,179, FH8-08 E;34,1 36,268	E-6 SYS
REAC.AUX.BLDG HVAC 0163 MAINTAIN REL. HUMIDITY & TEM P.OF AIR	ELECTRIC HEATING COIL ELECTRIC HEATING COIL	EHC-30(1A -SA) 07810	BRASCH BRASCH	FH31 ACU 261.	435152 3E-22 90-9E- 22-20- S1	IEEE 344-7 5	B	D											FH8-08 E;23,9 1,179, FH8-08 E;34,1 36,268	E-6 SYS

TAGS INCLUDED: EHC-23(1X-SN) ----EHC-30(1B-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC C156 MAINTAIN REL. HUMIDITY & TEM P.ON AIR	ELECTRIC HEATING COIL ELECTRIC HEATING COIL	EHC-23(1X -SN) 07801 EDI RPT # 1947-2	BRASCH BRASCH	AB52 DUCT 305.	435152 3E-22 90-9E- 22-20- S3	IEEE 344-7 5	B	C			X	NA	S	NA	NA					AH-16 SYS
REAC.AUX.BLDG HVAC C156 MAINTAIN REL. HUMIDITY & TEM P.ON AIR	ELECTRIC HEATING COIL HEATER CONTROL	EHC-23(1X -SN) 07802 EDI RPT # 1947-2	BRASCH BRASCH	AB52 DUCT 305.	435152 3E-22 90-9E- 22-20- S3	IEEE 344-7 5	B	D			X	NA	S	NA	NA					AH-16 SYS
REAC.AUX.BLDG HVAC 0156 MAINTAIN REL. HUMIDITY & TEM P.ON AIR	ELECTRIC HEATING COIL ELECTRIC HEATING COIL	EHC-25(1X -SN) 07805 EDI RPT # 1947-2	BRASCH BRASCH	AB52 DUCT 305.	435152 3E-22 90-9E- 22-20- S3	IEEE 344-7 5	B	C			X	NA	S	NA	NA					AH-16 SYS
REAC.AUX.BLDG HVAC 0156 MAINTAIN REL. HUMIDITY & TEM P.ON AIR	ELECTRIC HEATING COIL HEATER CONTROL	EHC-25(1X -SN) 07806 EDI RPT # 1947-2	BRASCH BRASCH	AB52 DUCT 305.	435152 3E-22 90-9E- 22-20- S3	IEEE 344-7 5	B	D			X	NA	S	NA	NA					AH-16 SYS
REAC.AUX.BLDG HVAC 0163 MAINTAIN REL. HUMIDITY & TEM P.OF AIR	ELECTRIC HEATING COIL HEATER CONTROL	EHC-30(1A -SA) 07809	BRASCH BRASCH	FH31 WMP1F S 261.	435152 3E-22 90-9E- 22-20- S1	IEEE 344-7 5	B	D											FHB-08 E;23,9 1,179, FHB-08 E;34,1 36,268	E-6 SYS
REAC.AUX.BLDG HVAC 0163 MAINTAIN REL. HUMIDITY & TEM P.OF AIR	ELECTRIC HEATING COIL ELECTRIC HEATING COIL	EHC-30(1A -SA) 07810	BRASCH BRASCH	FH31 ACU 261.	435152 3E-22 90-9E- 22-20- S1	IEEE 344-7 5	B	D											FHB-08 E;23,9 1,179, FHB-08 E;34,1 36,268	E-6 SYS

TAGS INCLUDED: EHC-23(1X-SN) ----EHC-30(1B-SB)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REAC.AUX.BLDG HVAC 0163 MAINTAIN REL. HUMIDITY & TEM P.OF AIR	ELECTRIC HEATING COIL ELECTRIC HEATING COIL	EHC-30(1B -SB) U7811	BRASCH BRASCH	FH31 ACU 261.	435152 3E-22 99-9E-22-20-S1	IEEE 344-75	B	D											FHB-03 E;23,91,179, FHB-DB E;34,136,268	E-6 SYS
REAC.AUX.BLDG HVAC 0163 MAINTAIN REL. HUMIDITY & TEM P.OF AIR	ELECTRIC HEATING COIL HEATER CONTROL	EHC-30(1B -SB) U7812	BRASCH BRASCH	FH31 WMP1E S 261.	435152 3E-22 99-3E-22-20-S1	IEEE 344-75	B	D											FHB-03 E;23,91,179, FHB-DB E;34,136,268	E-6 SYS

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL	STA	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	CODES STDS	TUS O I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0149 MOVES AIR	FANS	E-10(1A-SA) 07726	BARRY	AB52	435241 189	IEEE 344-7	A	.60G HNS .60G HEW .60G V	.70G HNS .70G HEW .80G V	X	NA	NA	MF	MD	>33 HZ	.29 HZ	NA	RABOBE 1,1,2 RABDBE 3,3,4	ADDENDUM NO 1 TO RPT # 46349-1
	CENTRIFUGAL FAN & MOTOR	WYLE RPT# 46349-1	BARRY 122 BBC	FLOOR 315.	BE-13 99-BE-13-20-S1	5 R.G. 1.100													
REAC.AUX.BLDG HVAC 0149 MOVES AIR	FANS	E-10(1B-SB) 07727	BARRY	AB52	435241 189	IEEE 344-7	A	.60G HNS .60G HEW .60G V	.70G HNS .70G HEW .80G V	X	NA	NA	MF	MD	>33 HZ	.29 HZ	NA	RABOBE 1,1,2 RABDBE 3,3,4	ADDENDUM NO 1 TO RPT # 46349-1
	CENTRIFUGAL FAN & MOTOR	WYLE RPT# 46349-1	BARRY 122 BBC	FLOOR 315.	BE-13 99-BE-13-20-S1	5 R.G. 1.100													
REAC.AUX.BLDG HVAC 0161 MOVES AIR	FANS	E-28(1A-SA) 07740	BARRY	AB43	435241 189	IEEE 344-7	A	.60G HNS .60G HEW .60G V	.70G HNS .70G HEW .80G V	X	NA	NA	MF	MD	>33 HZ	.29 HZ	NA	RABOBE 1,1,2 RABDBE 3,3,4	ADDENDUM NO 1 TO RPT # 46349-1
	CENTRIFUGAL FAN & MOTOR	WYLE RPT# 46349-1	BARRY 7200	FLOOR 295.	BE-13 99-BE-13-20-S1	5 R.G. 1.100													
REAC.AUX.BLDG HVAC 0161 MOVES AIR	FANS	E-28(1B-SA) 07741	BARRY	AB43	435241 189	IEEE 344-7	A	.60G HNS .60G HEW .60G V	.70G HNS .70G HEW .80G V	X	NA	NA	MF	MD	>33 HZ	.29 HZ	NA	RABOBE 1,1,2 RABDBE 3,3,4	ADDENDUM NO 1 TO RPT # 46349-1
	CENTRIFUGAL FAN & MOTOR	WYLE RPT# 46349-1	BARRY 7200	FLOOR 295.	BE-13 99-BE-13-20-S1	5 R.G. 1.100													
REAC.AUX.BLDG HVAC 0155 MOVES AIR	FANS	E-29(1A-SB) 07742	BARRY	AB43	435241 189	IEEE 344-7	A	.60G HNS .60G HEW .60G V	.70G HNS .70G HEW .80G V	X	NA	NA	MF	MD	>33 HZ	.29 HZ	NA	RABOBE 1,1,2 RABDBE 3,3,4	ADDENDUM NO 1 TO RPT # 46349-1
	CENTRIFUGAL FAN & MOTOR	WYLE RPT# 46349-1	BARRY 7200	FLOOR 295.	BE-13 99-BE-13-20-S1	5 R.G. 1.100													
REAC.AUX.BLDG HVAC 0155 MOVES AIR	FANS	E-29(1B-SB) 07743	BARRY	AB43	435241 189	IEEE 344-7	A	.60G HNS .60G HEW .60G V	.70G HNS .70G HEW .80G V	X	NA	NA	MF	MD	>33 HZ	.29 HZ	NA	RABOBE 1,1,2 RABDBE 3,3,4	ADDENDUM NO 1 TO RPT # 46349-1
	CENTRIFUGAL FAN & MOTOR	WYLE RPT# 46349-1	BARRY 7200	FLOOR 295.	BE-13 99-BE-13-20-S1	5 R.G. 1.100													

TAGS INCLUDED: E-10(1A- SA) ----S-64(1X-SA)
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
REAC.AUX.BLDG HVAC 0158 MOVES AIR	FANS	S-64(1X-S A) 07979	JOY	AB51	435263	IEEE 344-7	A		.36G HNS	.55G HNS	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 148,60	
			JOY	FLOOR	BE-17A	5,323			.30G	.50G									,325	
	FAN & MOTOR	JOY RPT # S1&S257	S-1000,48 26.5-1170	305.	90-BE-17A-20 S1,S1A	-74			HEW .50G V	HEW .80G V									RCBDBE 98,9 292A	
REAC.AUX.BLDG HVAC 0158 MOVES AIR	FANS	S-65(1X-S B) 07980	JOY	AB51	435263	IEEE 344-7	A		.36G HNS	.55G HNS	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABOBE 148,60	
			JOY	FLOOR	BE-17A	5,323			.30G	.50G									,325	
	FAN & MOTOR	JOY RPT # S1&S258	S-1000,48 26.5-1170	305.	90-BE-17A-20 S1,S1B	-74			HEW .50G V	HEW .80G V									RCBDBE 98,9 292A	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 RAB EMER EXHAUST A FLOW	INDICATORS FLOW DIRECT INDICATOR	FI 1AV 4842A SA 00519 EP-0056-1	RELIANCE ELECTRIC WESTINGH'S E VX-252 WSO-3	AEP-1 305.	435279 IN39 IN39-20	IEEE 323-74, 344-75	B	C	S/S 0.38 F/B 0.30 VERT 0.45	S/S 0.60 F/B 0.50 VERT 0.70	X								RAB12-10,37, 60,88, 191,212	QUALIFICATION REPORT IS STILL IN REVIEW,
REAC.AUX.BLDG HVAC AV0046 RAB EMER EXHAUST B FLOW	INDICATORS FLOW DIRECT INDICATOR	FI 1AV 4842B SB 00518	RELIANCE ELECTRIC WESTINGH'S E VX-252	AB52 AEP-1 305.	435302 4-32 IN39	IEEE 344 75 323 74		B	S/S 0.38 F/B 0.30 V 0.45	S/S 0.60 F/B 0.50 V 0.70	X								RAB12-10,37 60,88 191, 212	1FI4842B
REAC.AUX.BLDG HVAC 0163 E-6(1A-SA) DEMISTER PRESS DIFF IND	INDICATORS PRESSURE DIFFERENTIAL INDICATOR	PDI 1AV4838A SA 00942 # 58235.	CTI-NUCLEAR DWYER MAGNEHELIC 2003	AB31 CSNG MTD 261.	435162 BE31 90-BE-31-20-S12	IEEE 344-75	A		0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08 E;23.9 1.155. E;34.1 36.232	
REAC.AUX.BLDG HVAC 0163 E-6(1B-SB) DEMISTER PRESS DIFF IND	INDICATORS PRESSURE DIFFERENTIAL INDICATOR	PDI 1AV4838B SB 00941 # 58235	CTI-NUCLEAR DWYER MAGNEHELIC 2003	AB31 CSNG MTD 261.	435162 BE31 90-BE-31-20-S12	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-09 E;23.9 1.155. E;34.1 36.232	
REAC.AUX.BLDG HVAC 0163 E-6(1A-SA) MED EFF FLTR PRESS DIFF IND	INDICATORS PRESSURE DIFFERENTIAL INDICATOR	PDI 1AV4838A SA 00949 # 58235	CTI-NUCLEAR DWYER MAGNEHELIC 2002	AB31 CSNG MTD 261.	435162 BE31 90-BE-31-20-S12	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08 E;23.9 1.155. E;34.1 36.232	
REAC.AUX.BLDG HVAC 0163 FAN E-6(1B-SB) MED EFF FLTR PRESS DIFF IND	INDICATORS PRESSURE DIFFERENTIAL INDICATOR	PDI 1AV4838B SB 00948 # 58235	CTI-NUCLEAR DWYER MAGNEHELIC MAGNEHELIC 2002	SKID MTD	435162 BE31 90-BE-31-20-S12	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-09 E;23.9 1.155. E;34.1 36.232	

TAGS INCLUDED: FI 1AV 4842A SA----PDI 1AV4838A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC AVOC46 RAB EMER EXH A HEPA DP	INDICATORS PRESSURE DIRECT INDICATO	PDI 1AV48 38A SA 00501 EP-0056-1	RELIANCE ELECTRIC WESTINGH'S E VX-252 WSO-3	AEP-1 305.	435279 IN39 IN39-20	IEEE 323-'74, 344-'75	B		S/S 0.38 F/B 0.30 VERT 0.45	S/S 0.60 F/B 0.50 VERT 0.70	X								RAB12-10,37,60,88,191,212	QUALIFICATION REPORT IS STILL IN REVIEW,
REAC.AUX.BLDG HVAC 0163 FAN E-6(1A-SA) HEPAFLTR PRESS DIFF IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI 1AV48 3841S 00954 # 58235	CTI-NUCLEAR DWYER MAGNEHELIC MAGNEHELIC 2003	SKID MTD	435162 10 8F31 90-8E-31-20-S12	IEEE 344-'75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08 E;23.9 1.155. E;34.1 36.232	
REAC.AUX.BLDG HVAC AVOC46 RAB EMER EXH A HEPA DP	INDICATORS PRESSURE DIRECT INDICATO	PDI 1AV48 38B SB 00502 EP-0056-1	RELIANCE ELECTRIC WESTINGH'S E VX-252 WSO-3	AEP-1 305.	435279 IN39 IN39-20	IEEE 323-'74, 344-'75	B		S/S 0.38 F/B 0.30 VERT 0.45	S/S 0.60 F/B 0.50 VERT 0.70	X								RAB12-10,37,60,88,191,212	QUALIFICATION REPORT IS STILL IN REVIEW,
REAC.AUX.BLDG HVAC 0163 E-6(1B-SB) HEPAFLTR DIFF PRES IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI 1AV48 3881S 00953 # 58235	CTI-NUCLEAR DWYER MAGNEHELIC 2003	AB31 CASNG MTD 261.	435162 8F31 90-8E-31-20-S13	IEEE 344-'75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08 E;23,9 1,155. FHB-08 E;34,1 36,232	
REAC.AUX.BLDG HVAC 0163 FAN E-6(1A-SA) HEPAFLTR PRESS DIFF IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI 1AV48 41A S 00968 # 58235	CTI-NUCLEAR DWYER MAGNEHELIC MAGNEHELIC 2003	SKID MTD	435162 10 8F31 90-8E-31-20-S12	IEEE 344-'75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08 E;23,9 1,155. FHB-08 E;34,1 36,232	
REAC.AUX.BLDG HVAC 0163 FAN E-6(1A-SA) HEPAFLTR PRESS DIFF IND	INDICATORS PRESSURE DIFFEREN INDICATO	PDI 1AV48 41B S 00969 # 58235	CTI-NUCLEAR DWYER MAGNEHELIC MAGNEHELIC 2003	SKID MTD	435162 10 8F31 90-8E-31-20-S12	IEEE 344-'75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08 E;23,9 1,155. FHB-08 E;34,1 36,232	

TAGS INCLUDED: PDI 1AV4838A SA----PDI 1AV4843A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	BO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC AV0046 RAB EMER FILT SYS A DP	INDICATO RS / PRESSURE DIRECT INDICATO	PDI 1AV48 43A SA 00525 / EP-0056-1	RELIANCE ELECTRIC WESTINGH'S E VX-252 WS0-3	AEP-1 / 305.	435279 IN39 IN39-20	IEEE 323-'74, 344-'75	B	S/S 0.38 F/B 0.30 VERT 0.45	S/S 0.60 F/B 0.50 VERT 0.70	X								RAB12-10,37,60,88,191,212	QUALIFICATION REPORT IS STILL IN REVIEW,
REAC.AUX.BLDG HVAC 0163 FAN E-6(1A-SA) OVERALL FLTR DP	INDICATO RS / PRESSURE DIFFEREN INDICATO	PDI 1AV48 43A1S 00978 / #58235	CTI-NUCLEAR / DWYER MAGNEHELIC MAGNEHELIC 2010	SKID MTD	435162 19 BE31 90-BE-31-20-S12	IEEE 344-75	A C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08E;23,91,155. FHB-08E;34,136,232	
REAC.AUX.BLDG HVAC AV0046 RAB EMER FILT SYS B DP	INDICATO RS / PRESSURE DIRECT INDICATO	PDI 1AV48 43B SB 00524 / EP-0056-1	RELIANCE ELECTRIC WESTINGH'S E VX-252 WS0-3	AEP-1 / 305.	435279 IN39 IN39-20	IEEE 323-'74, 344-'75	B	S/S 0.38 F/B 0.30 VERT 0.45	S/S 0.60 F/B 0.50 VERT 0.70	X								RAB12-10,37,60,88,191,212	QUALIFICATION REPORT IS STILL IN REVIEW,
REAC.AUX.BLDG HVAC 0163 FAN E-6(1B-SB) OVERALL FLTR DP	INDICATO RS / PRESSURE DIFFEREN INDICATO	PDI 1AV48 43B1S 00977 / # 58235	CTI-NUCLEAR / DWYER MAGNEHELIC MAGNEHELIC 2010	SKID MTD	435162 19 BE31 90-BE-31-20-S12	IEEE 344-75	A C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	20 HZ	20 HZ		FHB-08E;23,91,155. FHB-08E;34,136,232	
REAC.AUX.BLDG HVAC AV0046 RAB EMER FILT A IN TEMP	INDICATO RS / TEMPERATURE DIRECT INDICT	TI 1AV 48 36A SA 00498 / ESE-14	WESTINGH'S E WESTINGH'S E VX-252	AB52 AEP-1 / 305.	435002 A-02 (IN 39	IEEE-323-74 344-75	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1&2 37,88,212,10,60,191	TI4836A
REAC.AUX.BLDG HVAC AV0046 RAB EMER FILT B IN TEMP	INDICATO RS / TEMPERATURE DIRECT INDICT	TI 1AV 48 36B SB 00497 / ESE-14	WESTINGH'S E WESTINGH'S E VX-252	AB52 AEP-1 / 305.	435002 A-02 (IN 39	IEEE-323-74 344-75	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1&2 37,88,212,10,60,191	TI4836B

TAGS INCLUDED: PDI 1AV4843A SA----TI 1AV 4839A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 RAB EMER FILT A OUT TEMP	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 48 39A SA 00510 ESE-14	WESTINGH'S E WESTINGH'S E VX-252	AB52 AEP-1 305.	435002 A-02 (IN 39)	IEEE-323-74 344-75		B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA81&2 37,88, 212, 10,60, 191	TI4839A
REAC.AUX.BLDG HVAC AV0046 RAB EMER FILT B OUT TEMP	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 48 39B SB 00511 ESE-14	WESTINGH'S E W RID VX-252	AB52 AEP-1 305.	435002 A-02 (IN39)	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA81&2 37,88 212 10,60 191	TI4839B
REAC.AUX.BLDG HVAC AV0046 RHR PMP ROOM A H-5 1A-SA FAN DINC TEMP	INDICATO RS TEMPERAT URE PRIM CT INDIC	TI 1AV 65 03A S 01146 548-8854-2 REV B	WEED INSTRUMENT 50-EI60E	AB31 DUCT MTD 262.	435125 180 IN03 IN03-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMI ARITY
REAC.AUX.BLDG HVAC AV0046 RHR PMP ROOM A H-5 1B-SB FAN DINC TEMP	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 03B S 01145 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB01 DUCT MTD 197.	435125 181 IN03 IN03-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMI ARITY
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-6 1A-SA FAN DISC TEMP	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 08A S 01164 548-8854-2 REV B	DRESSER INDUSTRIE 50-EI60E	AB21 DUCT MTD 236.	435125 182 IN03 IN03-20	IEEE 344-75	B		HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-6 1B-SB FAN DISC TEMP	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 08B S 11980	DRESSER INDUSTRIE 50-EI60E	DUCT MTD	435125 183 IN03															

TAGS INCLUDED: TI 1AV 4839A SA----TI 1AV 6513A S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-7 1A-SA FAN DISC TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1AV 6513A S 01181 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 DUCT MTD 236.	435125 184 INDR INDR-20	IEEE 344-75	B		HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-7 1B-SB FAN DISC TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1AV 6513B S 01182 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 DUCT MTD 236.	435125 185 INDR INDR-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
REAC.AUX.BLDG HVAC AV0046 SW ESTR PMP AREA AH-8 1X-SB FN DISCH	INDICATORS TEMPERATURE DIRECT INDIC	TI 1AV 6518X S 01193 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 DUCT MTD 236.	435125 186 INDR INDR-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
REAC.AUX.BLDG HVAC AV0046 CHRGNG PMP RM AH-9 1A-SA FAN DISC TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1AV 6523A S 01211 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 DUCT MTD 236.	435125 187 INDR INDR-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
REAC.AUX.BLDG HVAC AV0046 CHRGNG PMP RM AH-9 1B-SB FAN DISC TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1AV 6523B S 01212 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 DUCT MTD 236.	435125 188 INDR INDR-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
REAC.AUX.BLDG HVAC AV0046 CHRGNG PMP RM AH-101A-SA FAN DISC TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1AV 6528A S 01230 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 DUCT MTD 236.	435125 189 INDR INDR-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY

TAGS INCLUDED: TI 1AV 6513A S ----TI 1AV 6528B S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 CHRGNG PMP RM AH-101B-SB FAN DISC TEMP	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 288 S 01229 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 DUCT MTD 236.	435125 191 INDR INDR-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARI-TY
REAC.AUX.BLDG HVAC AV0046 MECH PENTRTN A H-11 1A-SA FAN DISC TEMP	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 33A S 01248 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 DUCT MTD 236.	435125 191 INDR INDR-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARI-TY
REAC.AUX.BLDG HVAC AV0046 MECH PENTRTN A H-11 1B-SB FAN DISC TEMP	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 33B S 01247 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 DUCT MTD 236.	435125 192 INDR INDR-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARI-TY
REAC.AUX.BLDG HVAC AV0046 FHB PUMP AREA SOUTH TEMP	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 37A SA 01267 ESE-14	WESTINGH'S E W RID VX-252	AB52 AEP-1 305.	435002 A-02 (IN39)	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1&2 37,88 212 10,60 191	TI6537A
REAC.AUX.BLDG HVAC AV0046 FHB PUMP AREA NORTH TEMP	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 37A1 SA 01266 ESE-14	WESTINGH'S E W RID VX-252	AB52 AEP-1 305	435002 A-02 (IN39)	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1&2 37,88 212 10,60 191	TI6537A1
REAC.AUX.BLDG HVAC AV0046 FHB PUMP AREA SOUTH TEMP	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 37B SB 01265 ESE-14	WESTINGH'S E W RID VX-252	AB52 AEP-1 305.	435002 A-02 (IN39)	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1&2 37,88 212 10,60 191	TI6537B

TAGS INCLUDED: TI 1AV 65288 S ----TI 1AV 653731 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #															
REAC.AUX.BLDG HVAC AV0046	INDICATO RS	TI 1AV 65 3781 SB C1268	WESTINGH'S E W RID	AB52 AEP-1	435002 A-02	IEEE 323-7 4,344	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA812 37,88 212	TI653791
FHB PUMP AREA NORTH TEMP	TEMPERAT URE DIRE CT INDIC	ESE-14	VX-252	305.	(IN39)	-75													10,60 191	
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHAH19 ASA FN DISC TE	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 43A S C1298 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB31 DUCT MTD 261.	435125 193 IN03 IN03-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARI-TY
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHAH19 BSB FN DISC TE	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 43B S C1297 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB31 DUCT MTD 261.	435125 194 IN03 IN03-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARI-TY
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHAH20 ASA FN DISC TE	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 48A S C1315 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB31 DUCT MTD 261.	435125 195 IN03 IN03-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARI-TY
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHAH20 BSB FN DISC TE	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 48B S C1316 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB31 DUCT MTD 261.	435125 196 IN03 IN03-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARI-TY
REAC.AUX.BLDG HVAC AV0046 ME&FE PENTRTN AH-231X-SA FAN DISC TEMP	INDICATO RS TEMPERAT URE DIRE CT INDIC	TI 1AV 65 53X S C1325 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB11 DUCT MTD 215.	435125 197 IN03 IN03-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARI-TY

TAGS INCLUDED: TI 1AV 653781 S----TI 1AV 6558X S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 ELEC PENTRTN A H-24 1X-SA FAN DISC TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1AV 6558X S 01334 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB31 DUCT MTD 261.	435125 199 IN08 IN08-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
REAC.AUX.BLDG HVAC AV0046 ELEC PENTRTN A H-25 1X-SB FAN DISC TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1AV 6563X S 11984	DRESSER INDUSTRIE 50-EI60E	DUCT MTD	435125 199 IN08															
REAC.AUX.BLDG HVAC AV0046 HVAC M.E. RM A H-26 1A-SA FAN DISC TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1AV 6568A S 01362 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB31 DUCT MTD 261.	435125 200 IN08 IN08-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
REAC.AUX.BLDG HVAC AV0046 HVAC M.E. RM A H-26 1B-SB FAN DISC TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1AV 6568B S 01363 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB31 DUCT MTD 261.	435125 201 IN08 IN08-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
REAC.AUX.BLDG HVAC AV0046 MECH PENTRTN A H-28 1A-SA FAN DISC TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1AV 6578A S 01396 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB11 DUCT MTD 215.	435125 202 IN08 IN08-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
REAC.AUX.BLDG HVAC AV0046 BORON INJ PMP AH-28 1B-SB FAN DISC TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1AV 6578B S 01397 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB11 DUCT MTD 215.	435125 203 IN08 IN08-20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY

TAGS INCLUDED: TI 1AV 6558X S ----TI 1AV 6583B S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.12G8
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046	INDICATORS	TI 1AV 65 83B S 014C7	DRESSER	SP21 DUCT MTD	435125 204 IN08	IEEE 344-75	B	D	HORZ 1.5 VERT	HORZ 3.0 VERT	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	N/A	ANALYSIS BY SIMILARITY
WTA AH-29 1X-S B FN DISCH TEMP	TEMPERATURE DIRECT INDIC	548-8854-2 REV 8	INDUSTRIES 50-EI60E	234.	IN08-20				1.0	2.0							MAX 203 HZ	MAX 203 HZ		
REAC.AUX.BLDG HVAC AV0046	INDICATORS	TI 1AV65 08B S 01163	DRESSER	A821 DUCT MTD	435125 183 IN08	IEEE 344-75	B		HORZ 1.5 VERT	HORZ 3.0 VERT	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	N/A	ANALYSIS BY SIMILARITY
CC HX AREA AH-6 1B-SB FAN DISC TEMP	TEMPERATURE DIRECT INDIC	548-8854-2 REV 8	INDUSTRIE 50-EI60E	236	IN08-20				1.0	2.0							MAX 203 HZ	MAX 203 HZ		

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E)
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 RAB MAIN STACK ISOKINETIC CONTROL PANE	INST. RACKS AND PANELS PRESSURE PILOT OR INDICA	PNL21AV35 09 SA 12423		LCL	435292 13 IN41															
REAC.AUX.BLDG HVAC AV0046 PLANT STACK ISOKINETIC CONTROL PANE	INST. RACKS AND PANELS PRESSURE PILOT OR INDICA	PNL21AV35 09-1SA 02422		LCL	435292 13 IN41 IN41-20	IEEE 344-75 323-74		D												LATER NOT PURCHASED

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1210
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0163	LIMIT SWITCH	AV-092SA-1 07531	RUSKIN NAMCO	AB31 DAMP, CNTLV	43520S 3E-25	IEEE 344-7 5,323	A	D	3 G HOR 3 G VERT	3 G HOR 3 G VERT	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	2SWITCHES
REMOTE INDICATION OF DAMPER POSITION	LIMIT SWITCH	EA-180 QTR-105	EA-180	268.	90-3E-125-20-S7	-74,3 82-72														

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #		O	I												
REAC.AUX.BLDG HVAC AV0046 RAB EMERGENCY EXHAUST	PRIMARY ELEMENT ANALYSIS PRIMARY ELEMENT	AE 1AV 35 32A S 02420		DUCT MTD	435292 6 IN41 IN41-20	IEEE 344-75		D												LATER NOT PURCHASED
REAC.AUX.BLDG HVAC AV0046 RAB EMERGENCY EXHAUST	PRIMARY ELEMENT ANALYSIS PRIMARY ELEMENT	AE 1AV 35 32B S 02424		DUCT MTD	435292 7 IN41 IN41-20	IEEE 344-75		D												LATER NOT PURCHASED
REAC.AUX.BLDG HVAC AV0046 RAB VENT STACK 182(13FT-DIA) UNIT	PRIMARY ELEMENT ANALYSIS PRIMARY ELEMENT	AE21AV 35 09 S 02412		STACK MTD	435292 18 IN41 IN41-20	IEEE 344-75		D												LATER NOT PURCHASED
REAC.AUX.BLDG HVAC AV0046 RAB EMER EXHAUST E-6 DISC	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1AV 35 32A SA 12326		DUCT MTD	435292 6 IN41															
REAC.AUX.BLDG HVAC AV0046 RAB EMER EXHAUST E-6 DISC	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1AV 35 32B SB 12329		DUCT MTD	435292 7 IN41															
REAC.AUX.BLDG HVAC AV0046 RAB EMER FILT E6 DISC FLOW	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1AV 48 42A S 00972	AIR MONITOR CORP FAN-E	DUCT MTD	435290 1 IN45 IN45-20	IEEE 344 75	C	D												LATER VENDOR REPORT OUTSTANDING

TAGS INCLUDED: AE 1AV 3532A S ----FE 1AV 4842B S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITN	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC AV0046 RAB EMER FILT E6 DISC FLOW	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1AV 48 428 S 00971	AIR MONITOR CORP FAN-E	DUCT MTD	435290 2 IN45 IN45-20	IEEE 344 75	C	D												LATER VENDOR REPORT OUTSTANDING
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 (1A-SA) FAN DISC FLOW	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1AV 65 38A S 01277	AIR MONITOR CORP FAN-E	DUCT MTD	435290 14 IN45 IN45-20	IEEE 344 75	C	D												LATER VENDOR REPORT OUTSTANDING
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 (1B-SB) FAN DISC FLOW	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1AV 65 38B S 01278	AIR MONITOR CORP FAN-E	DUCT MTD	435290 15 IN45 IN45-20	IEEE 344 75	C	D												LATER VENDOR REPORT OUTSTANDING
REAC.AUX.BLDG HVAC AV0046 ELEC EQUIP PROT ROOMS AH16 (1A-SA) FAN	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1AV 66 13A S 01472	AIR MONITOR CORP FAN-E	DUCT MTD	435290 3 IN45 IN45-20	IEEE 344 75	C													LATER VENDOR REPORT OUTSTANDING
REAC.AUX.BLDG HVAC AV0046 ELEC EQUIP PROT RMSAH16 (1B-SB) FAN DISC	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1AV 66 13B S 01473	AIR MONITOR CORP FAN-E	DUCT MTD	435290 4 IN45 IN45-20	IEEE 344 75	C													LATER VENDOR REPORT OUTSTANDING
REAC.AUX.BLDG HVAC AV0046 SW GEAR RM AC UNIT AH-12 FAN INLT	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1AV 66 32 S 01491	AIR MONITOR CORP FAN-E	DUCT MTD	435290 5 IN45 IN45-20	IEEE 344-75	C												RAB-1&2;10,37,60,88,191,212	LATER VENDOR REPORT OUTSTANDING

TAGS INCLUDED: FE 1AV 4842B S ----FE 1AV 6642 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITION	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SOPT #	STDS	Q	I												
REAC.AUX.BLDG HVAC AV0046 SW GEAR AH-13 FAN INLET FLOW	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1AV 6642 S 01509	AIR MONITOR CORP FAN-E	DUCT MTD	435290 6 IN45 IN45-20	IEEE 344-75	C												RAB-1&2;10,37,60,8 8,191,212	LATER VENDOR REPORT OUTSTANDING
REAC.AUX.BLDG HVAC AV0046 PLANT STACK ISOKINETIC FLOW	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE21AV 3509 SA 02416		DUCT MTD	435292 18 IN41 IN41-20	IEEE 344-75		D												LATER NOT PURCHASED
REAC.AUX.BLDG HVAC AV0046 CONTROL SKID I SOK FLOW	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE21AV 3509-1 SA 12447			435292 18 IN41															
REAC.AUX.BLDG HVAC AV0046	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE21AV 3509-2 SA 12323			435292 18 IN41															
REAC.AUX.BLDG HVAC 0163 E-6(1A-SA)EHC INLET TEMP SENMOR	PRIMARY ELEMENT TEMPERATURE THERMO COUP.	TE 1AV 4836A SA 00496 #1PS-266	CTI-NUCLEAR CONAX 2310-9458-01	FH31 SKID MTD 261.	435162 BE31 90-BE-31-20-IS15	IEEE 344-75, 323-74	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	SF	MD				FHB-08 E;23,91,155, FHB-08 E;34,1 36,232	
REAC.AUX.BLDG HVAC 0163 E-6(1B-SB) INLET TEMP SENMOR	PRIMARY ELEMENT TEMPERATURE THERMO COUP.	TE 1AV 4839368 SB 00495 #1PS-266	CTI-NUCLEAR CONAX 2310-9458-01	FH31 SKID MTD 261.	435162 BE31 90-BE-31-20-IS15	IEEE 344-75, 323-74	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	SF	MD				FHB-08 E;23,91,155, FHB-08 E;34,1 36,232	

TAGS INCLUDED: FE 1AV 6642 S ----TE 1AV 4839A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0163 E-6 (1A-SA) CHAR FLTR IN TEMP SENSOR	PRIMARY ELEMENT TEMPERATURE THERMO COUP.	TE 1AV 48 39A SA 00508 #1PS-266	CTI-NUCLEAR CONAX 2310-9458-01	FH31 SKID MTD 261.	435162 3E31 90-3E-31-20-S15	IEEE 344-75, 323-74	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	SF	MD				FHB-DB E;23,91,155, FHB-DB E;34,1 36,232	
REAC.AUX.BLDG HVAC 0163 E-6 (1B-SB) CHAR FLTR IN TEMP SENSOR	PRIMARY ELEMENT TEMPERATURE THERMO COUP.	TE 1AV 48 39B SB 00509 #1PS-266	CTI-NUCLEAR CONAX 2310-9458-01	FH31 SKID MTD 261.	435162 3E31 90-3E-31-20-S15	IEEE 344-75, 323-74	A	D	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	SF	MD				FHB-DB E;23,91,155, FHB-DB E;34,1 36,232	
REAC.AUX.BLDG HVAC 0158 OUTLET TEMP FOR FANE-6 (1A-SA)	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 48 42A S 02351 548-8854-2 REV B	WEED INSTRUMENT E48250G-(L)AS	FH31 DUCT MTD 265.	435286 85 IN43 IN43-20	IEEE 344-75	A	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	
REAC.AUX.BLDG HVAC 0158 OUTLET TEMP FOR FANE-6 (1B-SB)	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 48 42B S 02352 548-8854-2 REV B	WEED INSTRUMENT E48250G-(L)AS	FH31 DUCT MTD 265.	435286 87 IN43 IN43-20	IEEE 344-75	A	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	
REAC.AUX.BLDG HVAC 0158 RAB STM TUNNEL S-64 (1X-SA)N	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 48 70A S 00530 548-8854-2 REV B	WEED INSTRUMENT E48250G-2A2	AB51 WALL MTD 313.	435286 7 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB&CM 60,10 111,37 88,156	RESPONSE SPECTRUM FOR BE, OBE RESPECT
REAC.AUX.BLDG HVAC 0158 RAB STM TUNNEL S-64 (1X-SB)N	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 48 70B S 00531 548-8854-2 REV B	WEED INSTRUMENT E48250G-2A2	AB51 WALL MTD 321.	435286 8 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB&CM 60,10 111,37 88,156	RESPONSE SPECTRUM FOR BE, OBE RESPECT

TAGS INCLUDED: TE 1AV 4839A SA----TE 1AV 6502A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84.

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES / STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
REAC.AUX.BLDG HVAC 0158 RHR PMP ROOM A H-5 1A-SA FAN INNTEMP	PRIMARY ELEMENT / TEMPERATURE PRIMARY ELEM	TE 1AV 65 02A SA 01137 / 548-8854-2 REV B	WEED INSTRUMENT E48250G-2A 2	AB01 WALL MTD / 197.	435286 0 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 159,51 241 182,88 282	RESPONSE SPECTRUM FOR BE, OBE RESPECT
REAC.AUX.BLDG HVAC 0158 RHR PMP ROOM A H-5 1B-SB FAN INNTEMP	PRIMARY ELEMENT / TEMPERATURE PRIMARY ELEM	TE 1AV 65 02B SB 01138 / 548-8854-2 REV B	WEED INSTRUMENT E48250G-2A 2	AB01 WALL MTD / 197.	435286 10 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 159,51 241 182,88 282	RESPONSE SPECTRUM FOR BE, OBE RESPECT
REAC.AUX.BLDG HVAC 0158 CC HX AREA AH-6 1A-SA AREA TNMP	PRIMARY ELEMENT / TEMPERATURE PRIMARY ELEM	TE 1AV 65 07A SA 01156 / 548-8854-2 REV B	WEED INSTRUMENT E48250G-2A 2	AB21 WALL MTD / 235.	435286 11 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 116,27 310, 115 72,337	RESPONSE SPECTRUM FOR BE OBE RESPECT
REAC.AUX.BLDG HVAC 0158 CC HX AREA AH-6 1B-SB AREA TNMP	PRIMARY ELEMENT / TEMPERATURE PRIMARY ELEM	TE 1AV 65 07B SB 01155 / 548-8854-2 REV B	WEED INSTRUMENT E48250G-2A 2	AB21 WALL MTD / 235.	435286 12 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 116,27 310, 115 72,337	RESPONSE SPECTRUM FOR BE, OBE RESPECT
REAC.AUX.BLDG HVAC 0158 CC HX AREA AH-7 1A-SA AREA TNMP	PRIMARY ELEMENT / TEMPERATURE PRIMARY ELEM	TE 1AV 65 12A SA 01173 / 548-8854-2 REV B	WEED INSTRUMENT E48250G-2A 2	AB21 WALL MTD / 235.	435286 13 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 116,27 310, 115 72,337	RESPONSE SPECTRUM FOR BE OBE RESPECT
REAC.AUX.BLDG HVAC 0158 CC HX AREA AH-7 1B-SB AREA TNMP	PRIMARY ELEMENT / TEMPERATURE PRIMARY ELEM	TE 1AV 65 12B SB 01174 / 548-8854-2 REV B	WEED INSTRUMENT E48250G-2A 2	AB21 WALL MTD / 235.	435286 14 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 116,27 310, 115 72,337	RESPONSE SPECTRUM FOR BE OBE RESPECT

TAGS INCLUDED: TE 1AV 6502A SA----TE 1AV 6517X SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	EQUIPMENT TAG#/REC#	EQUIPMENT MAL.SUPPLR	EQUIPMENT BLDG	EQUIPMENT PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0158 SW BSTR PMP AR EA AH-8 1X-S B ANEA TEM	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1AV 6517X SB 01188 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	AB21 WALL MTD 236.	435286 15 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 116,27 310, 115 72,337	RESPONSE SPECTRUM FOR BE OBE RESPECT
REAC.AUX.BLDG HVAC 0158 CHRGNG PMP RM AH-9 1A-SA ARE A TNMP	PRIMARY ELEMENT THERMOCO UPLE	TE 1AV 6522A SA 01203 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	AB21 WALL MTD 236.	435286 16 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.35	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 116,27 310, 115 72,337	RESPONSE SPECTRUM FOR BE OBE RESPECT
REAC.AUX.BLDG HVAC 0158 CHRGNG PMP RM AH-9 1B-SB ARE A TNMP	PRIMARY ELEMENT THERMOCO UPLE	TE 1AV 6522B SB 01204 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	AB21 WALL MTD 236.	435286 17 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.35	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 116,27 310, 115 72,337	RESPONSE SPECTRUM FOR BE OBE RESPECT
REAC.AUX.BLDG HVAC 0158 CHRGNG PMP RM AH-101A-SA ARE A TNMP	TEMPERAT URE PRIM ARY ELEM	TE 1AV 6527A SA 01221 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	AB21 WALL MTD 242.	435286 18 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 116,27 310, 115 72,337	RESPONSE SPECTRUM FOR BE, OBE RESPECT
REAC.AUX.BLDG HVAC 0158 CHRGNG PMP RM AH-101B-SB ARE A TNMP	THERMOCO UPLE	TE 1AV 6527B SB 01222 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	AB21 WALL MTD 242.	435286 19 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 116,27 310, 115 72,337	RESPONSE SPECTRUM FOR BE, OBE RESPECT
REAC.AUX.BLDG HVAC 0158 MECH PENTRTN A H-11 1A-SA ARE A TNMP	PRIMARY ELEMENT THERMOCO UPLE	TE 1AV 6532A SA 01240 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	AB21 WALL MTD 236.	435286 20 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.35	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 116,27 310, 115 72,337	RESPONSE SPECTRUM FOR BE, OBE RESPECT

TAGS INCLUDED: TE 1AV 6517X SB----TE 1AV 6532B SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0158 MECH PENTRTN A H-11 1B-SB ARE A TNMP	PRIMARY ELEMENT THERMOCOUPLE	TE 1AV 65 32B SB 01239 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	AB21 WALL MTD 236.	435286 21 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 116,27 310, 115 72,337	RESPONSE SPECTRUM FOR BE, OBE RESPECT
REAC.AUX.BLDG HVAC 0158 FHB AH-17 SA S PENT FUEL POOL PMP AREA TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 65 37A SA 01261 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	FH31 WALL MTD 261.	435286 22 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	FHB 34,178 268,23 119, 179	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
REAC.AUX.BLDG HVAC 0158 FHB AH-17 SA S PENT FUEL POOL PMP AREA TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 65 37A1 SA 01263 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	FH31 SPACE MTD 261.	435286 23 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	FHB 34,178 268,23 119, 179	RESPONSE SPECTRUM FOR DBE OBE RESPECT
REAC.AUX.BLDG HVAC 0158 FHB AH-17 SB S PENT FUEL POOL PMP AREA TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 65 37B SB 01264 548-8854-2 REV B	WEED INSTRUMENT E4B25UG-2A 2	FH31 WALL MTD 261.	435286 24 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	FHB 34,178 268,23 119, 179	RESPONSE SPECTRUM FOR DBE OBE RESPECT
REAC.AUX.BLDG HVAC 0158 FHB AH-17 SB S PENT FUEL POOL PMP AREA TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 65 37B1 SB 01262 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	FH31 WALL MTD 261.	435286 25 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	FHB 34,178 268,23 119, 179	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
REAC.AUX.BLDG HVAC 0158 AUX PMP RMS-HVAC CHILLER AH19 ANA AREA	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 65 42A SA 01269 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	AB31 LCL 267.	435286 26 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB&CM 73,22 122,96 45,220	RESPONSE SPECTRUM FOR BE OBE RESPECT

TAGS INCLUDED: TE 1AV 6532B SB----TE 1AV 6542B SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	O	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
REAC.AUX.BLDG HVAC 0158	PRIMARY ELEMENT	TE 1AV 65 428 SB 01290	WEED	AB31 LCL	435286 27 IN43	IEEE 344- 75	A	D	F/B 0.36 S/S	F/B 0.56 S/S	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	RAB&CM 73,22 122,96	RESPONSE SPECTRUM FOR BE
AUX PMP RMS-HV AC CHILLER AH1 9 BNB AREA	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMENT E4B250G-2A 2	267.	IN43- 20	323- 74			0.30 VERT 0.55	0.50 VERT 0.85							MAX 203 HZ	MAX 203 HZ	45,220	OBE RESPECT
REAC.AUX.BLDG HVAC 0158	PRIMARY ELEMENT	TE 1AV 65 47A SA 01307	WEED	AB31 LCL	435286 28 IN43	IEEE 344- 75	A	D	F/B 0.36 S/S	F/B 0.56 S/S	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	RAB&CM 73,22 122,96	RESPONSE SPECTRUM FOR BE
AUX PMP RMS-HV AC CHILLER AH2 0 ANA AREA	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMENT E4B250G-2A 2	261.	IN43- 20	323- 74			0.30 VERT 0.55	0.50 VERT 0.85							MAX 203 HZ	MAX 203 HZ	45,220	OBE RESPECT
REAC.AUX.BLDG HVAC 0158	PRIMARY ELEMENT	TE 1AV 65 47B SB 01308	WEED	AB31 LCL	435286 29 IN43	IEEE 344- 75	A	D	F/B 0.36 S/S	F/B 0.56 S/S	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	RAB&CM 73,22 122,96	RESPONSE SPECTRUM FOR BE
AUX PMP RMS-HV AC CHILLER AH2 0 BNB AREA	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMENT E4B250G-2A 2	261.	IN43- 20	323- 74			0.30 VERT 0.55	0.50 VERT 0.85							MAX 203 HZ	MAX 203 HZ	45,220	OBE RESPECT
REAC.AUX.BLDG HVAC 0158	PRIMARY ELEMENT	TE 1AV 65 52X SA 01321	WEED	FH21 WALL MTD	435286 30 IN43	IEEE 344- 75	A	D	F/B 0.36 S/S	F/B 0.56 S/S	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	FHB 46,190 274,31	RESPONSE SPECTRUM FOR DBE,
ME&EE PENTRTN AH-231X-SA ARE A TEMP	THERMOCO UPLE	548-8854-2 REV B	INSTRUMENT E4B250G-2A 2	236.	IN43- 20	323- 74			0.30 VERT 0.55	0.50 VERT 0.85							MAX 203 HZ	MAX 203 HZ	127, 183	OBE RESPECT
REAC.AUX.BLDG HVAC 0158	PRIMARY ELEMENT	TE 1AV 65 57X SA 01330	WEED	AB31 LCL	435286 31 IN43	IEEE 344- 75	A	D	F/B 0.36 S/S	F/B 0.56 S/S	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	RAB&CB 73,22 122,96	RESPONSE SPECTRUM FOR BE,
ELEC PENTRTN A H-24 1X-SA ARE A TNMP	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMENT E4B250G-2A 2	264.	IN43- 20	323- 74			0.30 VERT 0.55	0.50 VERT 0.85							MAX 203 HZ	MAX 203 HZ	45,220	OBE RESPECT
REAC.AUX.BLDG HVAC 0158	PRIMARY ELEMENT	TE 1AV 65 62X SB 01339	WEED	AB31 LCL	435286 32 IN43	IEEE 344- 75	A	D	F/B 0.36 S/S	F/B 0.56 S/S	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	RAB&CM 73,22 122,96	RESPONSE SPECTRUM FOR BE,
ELEC PENTRTN A H-25 1X-SB ARE A TNMP	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMENT E4B250G-2A 2	261.	IN43- 20	323- 74			0.30 VERT 0.55	0.50 VERT 0.85							MAX 203 HZ	MAX 203 HZ	45,220	OBE RESPECT

TAGS INCLUDED: TE 1AV 6542B SB----TE 1AV 6567A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
REAC.AUX.BLDG HVAC 0158 HVAC M.E. RM A H-26 1A-SA ARE A TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 6567A SA 01354 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	FH31 WALL MTD 261.	435286 33 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	FHB 34,178 268 23,119 179	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
REAC.AUX.BLDG HVAC 0158 HVAC M.E. RM A H-26 1B-SB ARE A TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 6567B SB 01353 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	FH31 WALL MTD 261.	435286 34 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	FHB 34,178 268 23,119 179	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
REAC.AUX.BLDG HVAC AVD046 MCC FAN COOLER 1A-SA ARE A TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 6574A SA 01376 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	FH31 SPACE MTD 261.	435286 81 IN43 IN43-20	IEEE 344-75 323-74	A		F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	FHB 28,172 262,19 115, 175	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
REAC.AUX.BLDG HVAC AVD046 MCC FAN COOLER 1B-SB ARE A TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 6574B SB 01375 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	???? WALL MTD *****	435286 82 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.30 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB&CM 73,22 122,96 45,220	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
REAC.AUX.BLDG HVAC 0158 ROD CNTL CAB R M 1X-SA ARE A TNMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 6575X1 SA 01379 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	???? WALL MTD 305.	435286 83 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB&CM 60,10 111,37 88,56	RESPONSE SPECTRUM FOR BE, OBE RESPECT
REAC.AUX.BLDG HVAC 0158 MECH PENTRTN A H-28 1A-SA ARE A TNMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 6577A SA 01388 548-8854-2 REV B	WEED INSTRUMENT E4B250G-2A 2	AB11 LCL 216.	435286 35 IN43 IN43-20	IEEE 344-75 323-74	A	D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.35	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	RAB 123,39 217, 168 80,266	RESPONSE SPECTRUM FOR BE, OBE RESPECT

TAGS INCLUDED: TE 1AV 6567A SA----TE 1AV 6577B SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STOS	Q	I												
REAC.AUX.BLDG HVAC 0158	PRIMARY ELEMENT	TE 1AV 65 778 SB 01389	WEED	AB11 LCL	435286 36 IN43	IEEE 344-75	A	D	F/B 0.36 S/S	F/B 0.56 S/S	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	RA3 128,30 217,	RESPONSE SPECTRUM FOR BE,
BORON INJ PMP AH-281B-SB & T K ANEA TEMP	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMENT E48250G-2A 2	216.	IN43-20	323-74			0.30 VERT 0.55	0.50 VERT 0.85							MAX 203 HZ	MAX 203 HZ	168 80,266	OBE RESPECT
REAC.AUX.BLDG HVAC 0158	PRIMARY ELEMENT	TE 1AV 65 82X SB 01402	WEED	SW21 WALL MTD	435286 37 IN43	IEEE 344-75	A	D	F/B 0.36 S/S	F/B 0.56 S/S	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	FH8, 46,190 274,31	RESPONSE SPECTRUM FOR DBE,
WTA AH-29 1X-S B AREA TEMP	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMENT E48250G-2A 2	236.	IN43-20	323-74			0.30 VERT 0.55	0.50 VERT 0.85							MAX 203 HZ	MAX 203 HZ	127, 183	OBE RESPECT
REAC.AUX.BLDG HVAC 0158	PRIMARY ELEMENT	TE 1AV 66 11 S 01462	WEED	AB52 DUCT MTD	435286 38 IN43	IEEE 344-75	A	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	N/A	
PROT & REPAIR RETURN AI R TNMP	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMENT E48250G-(L)AS	319.	IN43-20												MAX 203 HZ	MAX 203 HZ		
REAC.AUX.BLDG HVAC 0158	PRIMARY ELEMENT	TE 1AV 66 17 S 01482	WEED	AB52 DUCT MTD	435286 39 IN43	IEEE 344-75	A		HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	N/A	
ELEC & PROT SU PPLY IN TEMP	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMENT E48250G-(L)AS	315.	IN43-20												MAX 203 HZ	MAX 203 HZ		
REAC.AUX.BLDG HVAC 0158	PRIMARY ELEMENT	TE 1AV 66 18A S 01485	WEED	AB52 SKID MTD	435286 40 IN43	IEEE 344-75	A	D	F/B 0.36 S/S	F/B 0.56 S/S	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	RAB&CM 60,10 111,37	RESPONSE SPECTRUM FOR BE,
ELEC & PROT AH -16 SA SPLY O UT NEMP	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMENT E48250G-(L)AS	310.	IN43-20				0.30 VERT 0.55	0.50 VERT 0.85							MAX 203 HZ	MAX 203 HZ	88,156	OBE RESPECT
REAC.AUX.BLDG HVAC 0158	PRIMARY ELEMENT	TE 1AV 66 18B S 01484	WEED	AB52 SKID MTD	435286 41 IN43	IEEE 344-75	A	D	F/B 0.36 S/S	F/B 0.56 S/S	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	RAB&CM 60,10 111,37	RESPONSE SPECTRUM FOR BE,
ELEC & PROT AH -16 SB SPLY O UT NEMP	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMENT E48250G-(L)AS	310.	IN43-20				0.30 VERT 0.55	0.50 VERT 0.85							MAX 203 HZ	MAX 203 HZ	88,156	OBE RESPECT

TAGS INCLUDED: TE 1AV 6577B SB----TE 1AV 6630 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0158 SW GEAR A AC R ECIRCEHC10 1X-SN NEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 66 30 S 01488 548-8854-2 REV B	WEED INSTRUMENT E48250G-(LAS	AB41 DUCT MTD 293.	435286 42 IN43 IN43-20	IEEE 344-75	A	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	
REAC.AUX.BLDG HVAC 0158 SW GEAR RM B SPLY TEMP CNTL N	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1AV 66 40 S 01508 548-8854-2 REV B	WEED INSTRUMENT E48250G-(LAS	AB41 DUCT MTD 290.	435286 43 IN43 IN43-20	IEEE 344-75	A	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	
REAC.AUX.BLDG HVAC AV0046 CONTAINMENT DOME TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1CV 75 41A SB 01722 548-8854-2 REV 2	WEED INSTRUMENT E48250G-2A	CB21 WALL MTD 249.	435286 1 IN43 IN43-20	IEEE 344-75 323-74	A		F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	CONMT 76,166 365; 291 331, 445	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
REAC.AUX.BLDG HVAC AV0046 CONTAINMENT DOME TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1CV 75 42A SA 01726	WEED INSTRUMENT E48250G-2A 2	CB21 WALL MTD 249.	435286 2 IN43 IN43-20	IEEE 344-75 323-74	A		F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.85	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	CONMT 76,166 366; 291 331, 445	RESPONSE SPECTRUM FOR DBE, OBE RESPECT

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #		Q	I												
REAC.AUX.BLDG HVAC AV0046 HVAC 24 POINT TEMP RECORDER	RECORDER S / TEMPERATURE RECORDER OR	TR 1AV 00 05 S 00013 / ESE-14	WESTINGH'S E W / MSE(TR-01)	A852 AEP-2 / 305.	435702 A-02 (IN-39)	IEEE 323-74,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88,212,10,60,191	TR0005
REAC.AUX.BLDG HVAC AV0046 HVAC 24 POINT PRES & FLOW RECORDER	RECORDER S / MULTIVARIABLE RECORDER O	UR 1AV 00 06 S 00014 /	WESTINGH'S E / WESTRONICS / M5E	A851 AEP-2 / 300.	435702 A-02 (IN39)			D											RAB1 60,148 325,9,98 292A	UR0006

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 CNMT SPRAY & RHR PMPS SA A REA CLG UNIT	RELAYS RADIATION SIG.COND.OR FU	RLY 1AV2758-CR1 12287	POTTER BRUMFIELD MDR134-1	ARP 2A-SA	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 CNMT SPRAY & RHR PMPS SA A REA CLG UNIT	RELAYS RADIATION SIG.COND.OR FU	RLY 1AV2758-CR2 12286	POTTER BRUMFIELD MDR134-1	ARP 2A-SA	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 CNMT SPRAY & RHR PMPS SA A REA CLG UNIT	RELAYS RADIATION SIG.COND.OR FU	RLY 1AV2759-CR1 12291	POTTER BRUMFIELD MDR131-1	ARP 2A-SA	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 CNMT SPRAY & RHR PMPS AREA COOLING UNIT	RELAYS RADIATION SIG.COND.OR FU	RLY 1AV2759-CR1 12267	POTTER BRUMFIELD MDR134-1	ARP 2B-SB	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 CNMT SPRAY & RHR PMPS AREAS COOLING UNIT	RELAYS RADIATION SIG.COND.OR FU	RLY 1AV2759-CR2 12266	POTTER BRUMFIELD MDR134-1	ARP 2B-SB	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 MCC 1A358 1B35 AREACLG UNIT AH-92 (1A-	RELAYS RADIATION SIG.COND.OR FU	RLY 1AV2758 7602 12311	AGASTAT E7012ABL	ARP 2A-SA	435246 IN13														

TAGS INCLUDED: RLY 1AV2758-CR1----RLY 1AV277662
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #1		Q	I												
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV27 7662 12308	AGASTAT	ARP 2A-SA	435246 IN13															
MCC 1A35 & 1B3 5 AREA CLG UNIT AH-92(1A-	RADIATION SIG.CO ND.OR FU		E7022ABT																	
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV27 7702 12284	AGASTAT	ARP 2B-SB	435246 IN13															
RAB 1A35 & 1B3 5 AREA COOL ING UNIT AH-9	RADIATION SIG.CO ND.OR FU		7012ABL																	
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV27 7762 12281	AGASTAT	ARP 2B-SB	435246 IN13															
MCC 1A35 & 1B3 5 AREA COOL ING UNIT AH-9	RADIATION SIG.CO ND.OR FU		E7022ABT																	
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV27 7802 12300	AGASTAT	ARP 2A-SA	435246 IN13															
ROD CNTL CAB R M AREA CLG UNIT AH-93(1X-	RADIATION SIG.CO ND.OR FU		E7012ABL																	
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV27 7862 12285	AGASTAT	ARP 2A-SA	435246 IN13															
ROD CNTL CAB R M AREA CLG UNIT AH-93(1X-	RADIATION SIG.CO ND.OR FU		E7022ABT																	
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV28 G9-CR 12294	POTTER BRUMFIELD	ARP 2A-SA	435246 IN13															
RAB ELEC PROT RMS PURGE SYS MAKE-UP VA I	RADIATION SIG.CO ND.OR FU		MDR131-1																	

TAGS INCLUDED: RLY 1AV277662 ----RLY 1AV2810-CR
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 RAB ELEC EQUIP PROTRMS PURGE SYS MAKE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV28 10-CR 12269	POTTER BRUMFIELD MDR131-1	ARP 2B-SB	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 RAB ELEC EQUIP PROTRMS RTN D MPR CZ-D	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV28 18-CR1 12290	POTTER BRUMFIELD MDR134-1	ARP 2A-SA	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 RAB ELEC EQUIP PROTRMS RTN D MPR CZ-D	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV28 18-CR2 12289	POTTER BRUMFIELD MDR131-1	ARP 2A-SA	435246 IN13														
PEAC.AUX.BLDG HVAC AV0046 RAB ELEC EQUIP PROTRMS RTN D AMPER INTL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV28 20-CR 12264	POTTER BRUMFIELD MDR134-1	ARP 2B-SB	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 RAB ELEV EQUIP PROTRMS SUP F AN AH-16 (1A-	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV28 21-42X 12293	POTTER BRUMFIELD MDR131-1	ARP 2A-SA	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 RAB ELEC EQUIP PROTRMS SUPPL Y FAN INTL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV28 22-42X 12265	POTTER BRUMFIELD MDR131-1	ARP 2B-SB	435246 IN13														

TAGS INCLUDED: RLY 1AV2810-CR ----RLY 1AV2823-74-
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 RAB ELEC EQUIP PROTINLET DAMPERS INTLK	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV28 23-74-2 12268	POTTER BRUMFIELD MDR131-1	ARP 2B-SB	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB ELEC EQUIP PROTRTN DMPR CZ-D17SA-1INTL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV28 26-CR 12292	POTTER BRUMFIELD MDR134-1	ARP 2A-SA	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB SWGR RM A DIVRT(RTN) DMPR AC-D11SA-1 L	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV30 15-74 12295	POTTER BRUMFIELD MDR131-1	ARP 2A-SA	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB SWGR RM DIV RTNDAMPER LOSS OF VOLTMONI	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV30 17-74 12260	POTTER BRUMFIELD MDR131-1	ARP 2B-SB	435246 IN13															
PEAC.AUX.BLDG HVAC AV0046 RAB SWGR RM A SUP FAN AH-12 (1A-SA)	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV30 21-42X 12309	POTTER BRUMFIELD MDR134-1	ARP 2A-SA	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB SWGR RM A SUP FAN AH-12 (1A-SA) INTL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV30 21-74X 12310	POTTER BRUMFIELD MDR131-1	ARP 2A-SA	435246 IN13															

TAGS INCLUDED: RLY 1AV2823-74-----RLY 1AV302102-2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84.

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC AV0046 RAB SWGR RM A SUPPLY FA N AH-12 1ATIME	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV30 2102-2 12017	AGASTAT 7014 AALL 120 V	ARP 2ASA	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 RAB SWGR RM A SUP FAN AH-12 (1B-SB) INTL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV30 22-42X 12306	POTTER BRUMFIELD MDR134-1	ARP 2A-SA	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 RAB SWGR RM A SUP FAN AH-12 (1B-SB) INTL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV30 22-74X 12307	POTTER BRUMFIELD MDR131-1	ARP 2A-SA	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 RAB SWGR RM A SUPPLY FA N AH-12 1BTIME	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV30 2202-2 12016	AGASTAT 7014 AALL 120 V	ARP 2ASA	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 RAB SWGR RM A EXH FAN E-28(1A-SA) INTL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV30 25-74 12305	POTTER BRUMFIELD MDR131-1	ARP 2A-SA	435246 IN13														
REAC.AUX.BLDG HVAC AV0046 RAB SWGR RM A EXH FAN E-28(1B-SB) INTL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV30 26-74X 12304	POTTER BRUMFIELD MDR131-1	ARP 2A-SA	435246 IN13														

TAGS INCLUDED: RLY 1AV302102-2----RLY 1AV3027-74
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC							ANA							
			MODEL NO	ELEV	SORT #		Q I	OBE	SSE	SEI-SMIC	OTHER DYN	LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV30 27-74 12303	POTTER	ARP 2A-SA	435246 IN13														
RAB SWGR A SUP FAN INLET DMP R AC-D7SA-1 &	RADIATION SIG.CO ND.OR FU		BRUMFIELD MDR131-1																
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV30 30-CR 12288	POTTER	ARP 2A-SA	435246 IN13														
RAB SWGR RM A RTN AIR DMPR AC-D4SA-1	RADIATION SIG.CO ND.OR FU		BRUMFIELD MDR131-1																
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV30 30-74 12302	POTTER	ARP 2A-SA	435246 IN13														
RAB SWGR RM A RTN AIR DMPR AC-D4SA-1 LOSS	RADIATION SIG.CO ND.OR FU		BRUMFIELD MDR131-1																
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV30 31-42X 12282	POTTER	ARP 2B-SB	435246 IN13														
RAB SWGR RM B SUP FAN AH-13 (1A-SA) INTL	RADIATION SIG.CO ND.OR FU		BRUMFIELD MDR134-1																
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV30 31-74X 12283	POTTER	ARP 2B-SB	435246 IN13														
RAB SWGR RM B SUP FAN AH-13 (1A-SB) INTL	RADIATION SIG.CO ND.OR FU		BRUMFIELD MDR131-1																
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV30 3102-2 12014	AGASTAT	ARP 2BS3	435246 IN13														
RAB SWGR RM B SUPPLY FAN AH-13 1ATIME	RADIATION SIG.CO ND.OR FU		7C14 AALL 120 V																

TAGS INCLUDED: RLY 1AV3027-74 ----RLY 1AV3032-42X
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV30 32-42X 12279	POTTER BRUMFIELD MDR134-1	ARP 2B-SB	435246 IN13														
RAB SWGR RM B SUP FAN AH-13 (1B-SB) INTL	RADIATION SIG.CO ND.OR FU																		
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV30 32-74X 12280	POTTER BRUMFIELD MDR131-1	ARP 2B-SB	435246 IN13														
RAB SWGR RM B SUP FAN AH-13 (1B-SB) INTL	RADIATION SIG.CO ND.OR FU																		
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV30 3202-2 12015	AGASTAT 7014 AALL 120 V	ARP 2BS3	435246 IN13														
RAB SWGR RM B SUPPLY FAN AH-13 18TIME	RADIATION SIG.CO ND.OR FU																		
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV30 35-74X 12278	POTTER BRUMFIELD MDR131-1	ARP 2B-SB	435246 IN13														
RAB SWGR RM B EXH FAN E-29(1A-SB) INTL	RADIATION SIG.CO ND.OR FU																		
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV30 36-74X 12277	POTTER BRUMFIELD MDR131-1	ARP 2B-SB	435246 IN13														
RAB SWGR RM B EXH FAN E-29(1B-SB) INTL	RADIATION SIG.CO ND.OR FU																		
REAC.AUX.BLDG HVAC AV0046	RELAYS	RLY 1AV30 37-74 12276	POTTER BRUMFIELD MDR131-1	ARP 2B-SB	435246 IN13														
RAB SWGR RM B SUP FAN INLET DAMPERS LOSS	RADIATION SIG.CO ND.OR FU																		

TAGS INCLUDED: RLY 1AV3032-42X----RLY 1AV3039-CR
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1230
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
REAC.AUX.BLDG HVAC AV0046 RAB SWGR RM EX H TORNADO D AMPER INTL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV30 39-CR 12261	POTTER BRUMFIELD MDR131-1	ARP 2B-SB	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB SWGR RM B RET AIR DMPR AC-DGSB-1 LOSS	RELAYS RADIATION SIG.CO ND.OR FU	PLY 1AV30 39-74 12275	POTTER BRUMFIELD MDR131-1	ARP 2B-SB	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB EMER EXH S YS FAN E6(1A -SA) INTLK	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV31 21-42X1 12299	POTTER BRUMFIELD MDR134-1	ARP 2A-SA	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB EMER EXH S YS FAN E6(1A -SA) INTLK	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV31 21-42X2 12298	POTTER BRUMFIELD MDR134-1	ARP 2A-SA	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB EMER EXH S YS FAN E6(1B -SB)INTLK	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV31 22-42X1 12274	POTTER BRUMFIELD MDR134-1	ARP 2B-SB	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB EMER EXH S YS FAN E6(1B -SB)INTLK	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1AV31 22-42X2 12273	POTTER BRUMFIELD MDR134-1	ARP 2B-SB	435246 IN13															

TAGS INCLUDED: RLY 1AV3039-CR ----RLY 1AV3177-CR1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 NORM EXH SYS F ANS INTLK	RELAYS RADIATION SIG.CONDOR FU	RLY 1AV31 77-CR11 12301	POTTER BRUMFIELD MDR131-1	ARP 2A-SA	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB NORM EXH SYS FAN INTLK	RELAYS RADIATION SIG.CONDOR FU	RLY 1AV31 77-CR12 12270	POTTER BRUMFIELD MDR131-1	ARP 2B-SB	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB NORM EXH SYS FANS INTLK	RELAYS RADIATION SIG.CONDOR FU	RLY 1AV31 77-52X1 12296	POTTER BRUMFIELD MDR134-1	ARP 2A-SA	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB NORM EXH SYS FANS INTLK	RELAYS RADIATION SIG.CONDOR FU	RLY 1AV31 77-52X2 12297	POTTER BRUMFIELD MDR134-1	ARP 2A-SA	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB NORM EXH SYS FANS INTLK	RELAYS RADIATION SIG.CONDOR FU	RLY 1AV31 77-52X4 12271	POTTER BRUMFIELD MDR134-1	ARP 2B-SB	435246 IN13															
REAC.AUX.BLDG HVAC AV0046 RAB NORM EXH SYS FANS INTLK	RELAYS RADIATION SIG.CONDOR FU	RLY 1AV31 77-52X5 12272	POTTER BRUMFIELD MDR134-1	ARP 2B-SB	435246 IN13															

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 RAB EMER EXHAUST E-6 DISC	SENSORS FLOW TRANSMITTER	FT 1AV 3532A SA 12328		LCL 0.	435292 6 IN41															
REAC.AUX.BLDG HVAC AV0046 RAB EMER EXHAUST E-6 DISC	SENSORS FLOW TRANSMITTER	FT 1AV 3532B SB 12331		LCL 0.	435292 7 IN41															
REAC.AUX.BLDG HVAC AV0046 FAN E6(1A-SA) DISCHFLOW	SENSORS FLOW TRANSMITTER	FT 1AV 4842A SA 00523	GOULD MANUF CO DR3200-005 -12- 12-XX	FH31 LCL 261.	435289 19 IN34 IN34- 20	IEEE 323-74 344-75	C	D												LATER VENDOR REPORT OUTSTANDING
REAC.AUX.BLDG HVAC AV0046 FAN E6(1B-SB) DISCHFLOW	SENSORS FLOW TRANSMITTER	FT 1AV 4828 SB 00522	GOULD MANUF CO DR3200-005 -12- 12-XX	FH31 LCL 261.	435289 20 IN34 IN34- 20	IEEE 323-74 344-75	C	D												LATER VENDOR REPORT OUTSTANDING
REAC.AUX.BLDG HVAC AV0046 RAB MAIN PLANT STACK (13 FT DIA)	SENSORS FLOW TRANSMITTER	FT21AV 3509 SA 12424		LCL	435292 18 IN41															
REAC.AUX.BLDG HVAC AV0046 PLANT STACK ISOKINETIC FEOW	SENSORS FLOW TRANSMITTER	FT21AV 3509-1 SA 02426		LCL	435292 18 IN41 IN41- 20	IEEE 344-75 323-74		D												LATER NOT PURCHASED

TAGS INCLUDED: FT 1AV 3532A SA----FT21AV 3509-2 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046	SENSORS	FT21AV 35 09-2 SA 12325			435292 18 IN41															
	FLOW TRANSMITTER																			
REAC.AUX.BLDG HVAC AV0046 RAB TO OUTSIDE DIFF PRES S. N	SENSORS	PDT 1AV48 34A1SA 00487	GOULD MANUF.CO. DR3200-005 -12- 12-XX	AB01 LCL 195.	435289 1 IN34 IN34-20	IEEE 323-74 344-75	C	D												LATER VENDOR REPO T OUTSTAND-ING
REAC.AUX.BLDG HVAC AV0046 RAB TO OUTSIDE DIFF PRES N	SENSORS	PDT 1AV48 34A2SA 00489	GOULD MANUF CO DR3200-005 -12- 12-XX	AB11 LCL 221.	435289 2 IN34 IN34-20	IEEE 323-74 344-75	C	D												LATER VENDOR REPO T OUTSTAND-ING
REAC.AUX.BLDG HVAC AV0046 RAB TO OUTSIDE DIFF PRES N	SENSORS	PDT 1AV48 34A3SA 00490	GOULD MANUF CO DR3200-005 -12- 12-XX	AB31 LCL 265.	435289 3 IN34 IN34-20	IEEE 323-74 344-75	C	C												LATER VENDOR REPO T OUTSTAND-ING
REAC.AUX.BLDG HVAC AV0046 RAB TO OUTSIDE DIFF PRES N	SENSORS	PDT 1AV48 34A4SA 00491	GOULD MANUF CO DR3200-05- 12- 12-XX	AB21 LCL 241.	435289 4 IN34 IN34-20	IEEE 323-74 344-75	C	D												LATER VENDOR REPO T OUTSTAND-ING
REAC.AUX.BLDG HVAC AV0046 RAB TO OUTSIDE DIFF PRES N	SENSORS	PDT 1AV48 3481SB 00488	GOULD MANUF CO DR3200-005 -12- 12-XX	AB01 LCL 195.	435289 5 IN34 IN34-20	IEEE 323-74 344-75	C	D												LATER VENDOR REPO T OUTSTAND-ING

TAGS INCLUDED: FT21AV 3509-2 S----PDT 1AV483492SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PC/TTM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC AV0046 RAB TO OUTSIDE DIFF PRES N	SENSORS PRESSURE TRANSMI TTER	PDT 1AV48 3482SB 00492	GOULD MANUF CO DR3200-005 -12- 12-XX	AB11 LCL 221.	435289 6 IN34 IN34-20	IEEE 323-74 344-75	C	D												LATER VENDOR REPO T OUTSTAND-ING
REAC.AUX.BLDG HVAC AV0046 RAB TO OUTSIDE DIFF PRES M	SENSORS PRESSURE TRANSMI TTER	PDT 1AV48 3483SB 00485	GOULD MANUF CO DR3200-005 -12- 12-XX	AB31 LCL 265.	435289 7 IN34 IN34-20	IEEE 323-74 344-75	C	C												LATER VENDOR REPO T OUTSTAND-ING
REAC.AUX.BLDG HVAC AV0046 RAB TO OUTSIDE DIFF PRES N	SENSORS PRESSURE TRANSMI TTER	PDT 1AV48 3484SB 00486	GOULD MANUF CO DR3200-005 -12- 12-XX	AB21 LCL 241.	435289 8 IN34 IN34-20	IEEE 323-74 344-75	C	D												LATER VENDOR REPO T OUTSTAND-ING
REAC.AUX.BLDG HVAC 0163 E-6 (1A-SA) HEPAFLTR DIFF PREM IND & REC	SENSORS PRESSURE TRANSMI TTER	PDT 1AV48 38A SA 00505 #108025 #108026	CTI-NUCLEA R ROSEMOUNT 1153 SERIE S B	FH31 SKID MTD 261.	435162 7 BE31 90-9E-31-20-S8	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-DB E;23,9 1,155, FHB-DB E;34,1 36,232	ALSO WYLE REPT #453 53-1
REAC.AUX.BLDG HVAC 0163 E-6 (1B-SB) HEPAFLTR DIFF PREM IND & REC	SENSORS PRESSURE TRANSMI TTER	PDT 1AV48 38B SB 00504 #108025 #108026	CTI-NUCLEA R ROSEMOUNT 1153 SERIE S B	FH31 SKID MTD 261.	435162 7 BE31 90-9E-31-20-S8	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-DB E;23,9 1,155, FHB-DB E;34,1 36,232	ALSO WYLE REPT #453 53-1
REAC.AUX.BLDG HVAC 0163 E-6(1A-SA) OVERALL DIFF PREM IND & REC	SENSORS PRESSURE TRANSMI TTER	PDT 1AV48 43A SA 00527 #108025 #108026	CTI-NUCLEA R ROSEMOUNT 1153 SERIE S B	FH31 PNL MTD 261.	435162 BE31 90-9E-31-20-S8	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V	0.50 G NS 0.40 G EW 0.40 G V	X	NA	NA	MF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-DB E;23,9 1,155, FHB-DB E;34,1 36,232	ALSO WYLE REPT #453 53-1

TAGS INCLUDED: PDT 1AV4834B2SB----PDT 1AV4843B SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITION	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
REAC.AUX.BLDG HVAC 0163	SENSORS	PDT 1AV48 43B SB 00526	153 SERIES ROSEMOUNT	FH31 PNL MTD	0-RE-1 BF31	IEEE 344-75	A		0.30 G NS 0.20 G EW	0.50 G NS 0.40 G EW	X	NA	NA	MF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-DB E;23,91,155,
E-6 (1B-SB) OVERALL DIFF PRES IND & REC	PRESSURE TRANSMITTER	#108025 #108026	1153 SERIES B	261.	99-RE-131-20-SB				0.30 G V	0.40 G V									FHB-DB E;34,136,232
REAC.AUX.BLDG HVAC AV0046 RAB EMER FLTR E6 EHC INLET TEMP	SENSORS TEMPERATURE TRANSMITTER	TT 1AV 48 36A SA 00499 ESE-13	WESTINGH'SE WISD VLL14	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191 TT4836A
REAC.AUX.BLDG HVAC AV0046 RAB EMER FLTR E6 EHC INLET TEMP	SENSORS TEMPERATURE TRANSMITTER	TT 1AV 48 36B SB 00500 ESE-13	WESTINGH'SE WISD VLL14	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191 TT4836B
REAC.AUX.BLDG HVAC AV0046 RAB EMER FLTR E6 CHAR FLTR IN TEMP	SENSORS TEMPERATURE TRANSMITTER	TT 1AV 48 39A SA 00513 ESE-13	WESTINGH'SE WISD VLL14	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191 TT4839A
REAC.AUX.BLDG HVAC AV0046 RAB EMER FLTR E6 CHAR FLTR IN TEMP	SENSORS TEMPERATURE TRANSMITTER	TT 1AV 48 39B SB 00512 ESE-13	WESTINGH'SE WISD VLL14	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191 TT4839B
REAC.AUX.BLDG HVAC AV0046 RHR PMP ROOM A H-S 1A-SA AREA TEMP	SENSORS TEMPERATURE TRANSMITTER	TT 1AV 65 02A SA 01144 ESE-13	WESTINGH'SE WISD VLL14	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191 TT6502A

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REAC.AUX.BLDG HVAC AV0046 RHR PMP ROOM A H-5 1B-SB ARE A TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 02B SB 01143 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC-C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TT6502B
REAC.AUX.BLDG HVAC AV0046 CC WTR PMP RM AH-6 1A-SA ARE A TEMP	SENSOPS TEMPERAT URE TRAN SMITTER	TT 1AV 65 07A SA 01162 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC-C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TT6507A
REAC.AUX.BLDG HVAC AV0046 CC WTR PMP RM AH-6 1B-SB ARE A TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 07B SB 01161 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC-C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TT6507B
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-7 1A-SA ARE A TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 12A SA 01179 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC-C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TT6512A
REAC.AUX.BLDG HVAC AV0046 CC HX AREA AH-7 1B-SB ARE A TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 12B SB 01180 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC-C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TT6512B
REAC.AUX.BLDG HVAC AV0046 SW BSTR PMP AR EA AH-8 1X-S B AREA TEM	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 17X SB 11981	WESTINGH'S E WESTINGH'S E VLL14 WSO-3	PIC-C14	435002 A-02															

TAGS INCLUDED: TT 1AV 6502B SB----TT 1AV 6522A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG	SENSORS	TT 1AV 65	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	
HVAC		22A SA	E	PIC-		323-7										HZ	HZ	HZ	37,88	TT6522A
AV0046		01210	WISD	C13	A-02	4,344													212	
CHRGNG PMP RM	TEMPERAT	ESE-13				-75													10,60	
AH-9 1A-SA ARE	URE TRAN		VLL14	305.															191	
A TEMP	SMITTER																			
REAC.AUX.BLDG	SENSORS	TT 1AV 65	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	
HVAC		22B SB	E	PIC-		323-7										HZ	HZ	HZ	37,88	TT6522B
AV0046		01209	WISD	C14	A-02	4,344													212	
CHRGNG PMP RM	TEMPERAT	ESE-13				-75													10,60	
AH-9 1B-SB ARE	URE TRAN	VLL14		305.															191	
A TEMP	SMITTER																			
REAC.AUX.BLDG	SENSORS	TT 1AV 65	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	
HVAC		27A SA	E	PIC-		323-7										HZ	HZ	HZ	37,88	TT6527A
AV0046		01228	WISD	C13	A-02	4,344													212	
CHRGNG PMP RM	TEMPERAT	ESE-13				-75													10,60	
AH-101A-SA ARE	URE TRAN		VLL14	305.															191	
A TEMP	SMITTER																			
REAC.AUX.BLDG	SENSORS	TT 1AV 65	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	
HVAC		27B SB	E	PIC-		323-7										HZ	HZ	HZ	37,88	TT6527B
AV0046		01227	WISD	C14	A-02	4,344													212	
CHRGNG PMP RM	TEMPERAT	ESE-13				-75													10,60	
AH-101B-SB ARE	URE TRAN		VLL14	305.															191	
A TEMP	SMITTER																			
REAC.AUX.BLDG	SENSORS	TT 1AV 65	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	
HVAC		32A SA	E	PIC-		323-7										HZ	HZ	HZ	37,88	TT6532A
AV0046		01245	WISD	C13	A-02	4,344													212	
MECH PENTRTN A	TEMPERAT	ESE-13				-75													10,60	
H-11 1A-SA ARE	URE TRAN		TT6532A	305.															191	
A TEMP	SMITTER																			
REAC.AUX.BLDG	SENSORS	TT 1AV 65	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	
HVAC		32B SB	E	PIC-		323-7										HZ	HZ	HZ	37,88	TT6532B
AV0046		01246	WISD	C14	A-02	4,344													212	
MECH PENTRTN A	TEMPERAT	ESE-13				-75													10,60	
H-11 1B-SB ARE	URE TRAN		VLL14	305.															191	
A TEMP	SMITTER																			

TAGS INCLUDED: TT 1AV 6522A SA----TT 1AV 6537A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 SA S PENT FUEL POOL PMP AREA TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 37A SA 01273 ESE-13	WESTINGH'S E WISD TT6537A	AB52 PIC-C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TT6537A
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 SA S PENT FUEL POOL PMP AREA TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 37A1 SA 01274 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC-C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TT6537A1
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 SB S PENT FUEL POOL PMP AREA TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 37B SB 01272 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC-C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TT6537B
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 SB S PENT FUEL POOL PMP AREA TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 37B1 SB 01271 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC-C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TT6537B1
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHILLER AH1 9 ASA AREA	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 42A SA 01296 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC-C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TT6542A
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHILLER AH1 9 BSB AREA	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 42B SB 01295 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC-C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TT6542B

TAGS INCLUDED: TT 1AV 6537A SA----TT 1AV 6547A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHILLER AH2 O ASA AREA	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 47A SA 01314 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TT6547A
REAC.AUX.BLDG HVAC AV0046 AUX PMP RMS-HV AC CHILLER AH2 O BSB AREA	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 47B SB 01313 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC- C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TT6547B
REAC.AUX.BLDG HVAC AV0046 MEBEE PENTRTN AH-231X-SA ARE A TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 52X SA 01324 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TT6552X
REAC.AUX.BLDG HVAC AV0046 ELEC PENTRTN A H-24 1X-SA ARE A TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 57X SA 01333 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TT6557X
REAC.AUX.BLDG HVAC AV0046 ELEC PENTRTN A H-25 1X-SB ARE A TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 62X SB 01342 ESE-13	WESTINGH'S E WISD VLL14 WSO-3	AB52 PIC- C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TT6562X
REAC.AUX.BLDG HVAC AV0046 HVAC M.E. RM A H-26 1A-SA FN DISC TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 67A SA 01359 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TT6567A

TAGS INCLUDED: TT 1AV 6547A SA----TT 1AV 6567B SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG HVAC AV0046	SENSORS	TT 1AV 65 678 SB 01360	WESTINGH'S E WISD	AB52 PIC- C14	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TT6567B
HVAC M.E. RM A H-26 1B-SB FN DISC TEMP	TEMPERAT URE TRAN SMITTER	ESE-13	VLL14 WSO-3	305.																
REAC.AUX.BLDG HVAC AV0046 MCC FAN COOLER 1A-SA ARE A TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 74A SA 09735 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TT6574A
REAC.AUX.BLDG HVAC AV0046 ROD CNTL CAB R M 1X-SA FAN DISCH. TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 75X SA 09734 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TT6575X
REAC.AUX.BLDG HVAC AV0046 MECH PENTRTN A H-28 1A-SA FN AIR TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 77A SA 01394 ESE-13	WESTINGH'S E WISD VLL14 WSO-3	AB52 PIC- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TT6577A
REAC.AUX.BLDG HVAC AV0046 BORON INJ PMP AH-281B-SB FN AIR TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 778 SB 01395 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 37,88, 212, 10,60, 191	TT6577B
REAC.AUX.BLDG HVAC AV0046 FHB AH-29 1X-S A AREA TEMP	SENSORS TEMPERAT URE TRAN SMITTER	TT 1AV 65 82A SA 01406 ESE-13	WESTINGH'S E WISD VLL14	AB52 PIC- C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 37,88 212 10,60 191	TT6582A

TAGS INCLUDED: TT 1AV 6567B SB----TT 1AV 6582B SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1241
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
REAC.AUX.BLDG	SENSORS	TT 1AV 65	WESTINGH'S	AB52	435702	IEEE	A	D			X			MF	MD	<33	<33	<33	RA912-	
HVAC		82B SB	E	PIC-		323-7										HZ	HZ	HZ	37,88	TT6582B
AV0046		01465	WISD	C13	A-02	4,344													212	
WPB AH-29 1X-S	TEMPERAT	ESE-13				-75													10,60	
B AREA TEMP	URE TRAN		VLL14	305.															191	
	SMITTER																			
REAC.AUX.BLDG	SENSORS	ZZZZZZZZZZ	PI	AB52	I	IEEE	A	B			X			MF	MD	<33	<33	<33	RA912-	
HVAC		ZZZZZZ	E	PIC-	<	323-7										HZ	HZ	HZ	37,88	TT6517X
AV0046		01192	WISD	C14	A-02	4,344													212	
SW BSTR PMP AR	TEMPERAT	ESE-13				-75													10,60	
EA AH-8 1X-S	URE TRAN		VLL14	305.															191	
B AREA TEM	SMITTER																			

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
REAC.AUX.BLDG HVAC AV0046 FAN E6(1A-SA)	SIGNAL CONDITION ERS FLOW SQU ARE ROOT EXTRACT	FF 1AV 48 42A SA 00517 ESE-13	WESTINGH'S E WISD NCH1	AB52 PIC- C13 305.	435292 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,88, 191, 212	FF4842A
REAC.AUX.BLDG HVAC AV0046 FAN E6(1B-SB)	SIGNAL CONDITION ERS FLOW SQU ARE ROOT EXTRACT	FF 1AV 48 42B SB 00516 ESE-13	WESTINGH'S E WISD NCH1	AB52 PIC- C14 305.	435292 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,80, 191, 212	FY4842B
REAC.AUX.BLDG HVAC AV0046 RAB EMER EXHAU ST E-6 DISC	SIGNAL CONDITION ERS FLOW SIG .COND.OR FUNC.GE	FY 1AV 35 32A SA 12327		LCL.	435292 6 IN41															
REAC.AUX.BLDG HVAC AV0046 RAB EMER EXHAU ST E-6 DISC	SIGNAL CONDITION ERS FLOW SIG .COND.OR FUNC.GE	FY 1AV 35 32B SB 12330			435292 7 IN41															
REAC.AUX.BLDG HVAC AV0046 RAB MAIN STACK (13 FT DI A)	SIGNAL CONDITION ERS FLOW SIG .COND.OR FUNC.GE	FY21AV 35 09 SA 12317		LCL	435292 18 IN41															
REAC.AUX.BLDG HVAC AV0046 CONTROL SKID ISOK FLOW	SIGNAL CONDITION ERS FLOW SIG .COND.OR FUNC.GE	FY21AV 35 09-1 SA 12321			435292 18 IN41															

TAGS INCLUDED: FF 1AV 4842A SA----FY21AV 3509-2 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/IT#	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
REAC.AUX.BLDG HVAC AV0046	SIGNAL CONDITIONERS	FY21AV 35 09-2 SA 12324			435292 18 IN41															
	FLOW SIG .COND.OR FUNC.GE																			
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 SA S PENT FUEL POOL PMP AREA TEMP	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1AV65 37A SA 11982	BLAKE EQUIPMENT ROBERTSHAW CONTROLS B/M P-2341	VLV MTD	435176 M66H															
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 SB S PENT FUEL POOL PMP AREA TEMP	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1AV65 37B SB 11983	BLAKE EQUIPMENT ROBERTSHAW CONTROLS B/M P-2341	VLV MTD	435176 M66H															
REAC.AUX.BLDG HVAC AV0046 COOL COIL AH16 CHILWTR CONT VALVE	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1AV66 12A S 11986	BLAKE EQUIPMENT ROBERTSHAW CONTROLS P-2341	AB52 VLV MTD 308.	435176 M66H															
REAC.AUX.BLDG HVAC AV0046 COOL COIL AH16 CHILWTR CONT VALVE	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1AV66 12B S 11987	BLAKE EQUIPMENT ROBERTSHAW CONTROLS P-2341	AB52 VLV MTD 308.	435176 M66H															
REAC.AUX.BLDG HVAC AV0046 SW GEAR RM A S PLY TEMP CNTL	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1AV66 33 S 11988	BLAKE EQUIPMENT ROBERTSHAW CONTROLS B/M P-234V	VLV MTD	435176 M66H															

TAGS INCLUDED: FY21AV 3509-2 S----I/P 1AV6634 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC AV0046 SW GEAR RM A S PLY TEMP CNTL	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1AV66 34 S 11989	BLAKE EQUIPMENT ROBERTSHAW CONTROLS B/M P-2341	VLV MTD	435176 M664															
REAC.AUX.BLDG HVAC AV0046 SW GEAR B AC R ECIRCWC2 1B-SB TEMP	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1AV66 43 S 11990	BLAKE EQUIPMENT ROBERTSHAW CONTROLS B/M P-2341	VLV MTD	435176 M664															
REAC.AUX.BLDG HVAC AV0046 SW GEAR B AC R ECIRCWC2 1A-SA TEMP	SIGNAL CONDITIONERS CURRENT TO PNEUMATIC CON	I/P 1AV66 44 S 11991	BLAKE EQUIPMENT ROBERTSHAW CONTROLS B/M P-2341	VLV MTD	435176 M664															
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 SA S PENT FUEL POOL PMP AREA TEMP	SIGNAL CONDITIONERS TEMPERATURE SIG. COND.OR	TY 1AV 65 37A SA 01276 ESE-13	WESTINGH'SE WISD NSA4	AB52 PIC-C13 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 37,88 212 10,60 191	NO WECO TAG #
REAC.AUX.BLDG HVAC AV0046 FHB AH-17 SB S PENT FUEL POOL PMP AREA TEMP	SIGNAL CONDITIONERS TEMPERATURE SIG. COND.OR	TY 1AV 65 37B SB 01275 ESE-13	WESTINGH'SE WISD NSA4	AB52 PIC-C14 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 37,88 212 10,60 191	NO WECO TAG #

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1245
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS		ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #		O I												
REAC.AUX.BLDG HVAC AV0046 RAB EMERGENCY EXHAUST	TEST POINTS FLOW TEST POINT	FX 1AV 3532A1 S 02421		DUCT MTD	435292 6 IN41 IN41-20	IEEE 344-75	D												LATER NOT PURCHASED
REAC.AUX.BLDG HVAC AV0046 RAB EMERGENCY EXHAUST N	TEST POINTS FLOW TEST POINT	FX 1AV 3532B1 S 02425		DUCT MTD	435292 7 IN41 IN41-20	IEEE 344-	D												LATER NOT PURCHASED
REAC.AUX.BLDG HVAC AV0046 RAB MAIN STACK (13 FT DIA)	TEST POINTS FLOW TEST POINT	FX21AV 3509-1 S 12318	TEC	STACK MTD	435292 18 IN41														

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0165 CONTROL AIR PRESSURE IN PNEU OPER CYLINDER	VALVES SOLENOID VALVE	AV-D53SB-1 074(8 AOS21678/ TR REV A	RUSKIN ASCO NP8320A173 E	AB21 ON OP ERATR 247.	435205 BE-35 90-BE-25-20 S6	IEEE 344-7 5,323 -74,3 82-721		B	3G HOR 3G VERT 3G HOR. 3G VERT		X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.AUX.BLDG HVAC 0163 E-6(1A-SA) CHAR FLTR HUMIDITY IND	VALVES HUMID.MI SC SWITC H	MIS 1AV48 39ASA 11521 DTBC4R76-C146	CTI-NUCLEAR COMPANY 15-D371BM	AB51 HRZNT L MTD 261.	435162 < BE-31 90-BE-31-20-S7	IEEE 344-75	A	C	0.30 G NS 0.20 G EW 0.30 G V 0.50 G NS 0.40 G EW 0.40 G V		X	NA	NA	SF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-DB E;23,9 1.155. FHB-DB E;34.1 36,232	
REAC.AUX.BLDG HVAC 0163 E-6(1B-SB) CHAR FLTR HUMIDITY IND	VALVES HUMID.MI SC SWITC H	MIS-1AV48 39B 11522 DTBC4R76-G146	CTI-NUCLEAR COMPANY 15-9371BM	FH31 HRZNT L MTD 261.	435162 < BE-31 90-BE-31-20-S7															
REAC.AUX.BLDG HVAC 0163 E6(1B-SB) CHAR FLTR HUMIDITY IND	VALVES HUMID-MI SC SWITC H	MIS1AV483 9B 11614 DTBC4R76-G146	CTI-NUCLEAR AMER INST CORP 15-9371-BM	FH31 HRZNT MTD 261.	435162 < BE-31 90-BE-31-20-S7	IEEE 344-75	A		0.30 G NS 0.20 GEW 0.30 G V 0.50 G NS 0.40 GEW 0.40 G V		X	NA	N	SF	MD	>33 HZ	>33 HZ	>33 HZ	FHB-DB E-23,9 1,155- FHB-DB E-34,1 36,232	
REAC.AUX.BLDG HVAC 0160 ACTUATE VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3AC-B1SA-1 08175 LIMIT#BOO 58&BCC03	BIF LIMITORQUE LIM-SMB-0-25/H3BC	AB51 VALVE 307.	435211 < BE-35 90-BE-35-20-S7	IEEE 344-7 5,382 -72	A		3G HNS 3G HEW 3G V 3G HNS 3G HEW 3G V		X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0160 PROTECT SWITCH GEAR ROOM FROM TORNADO	VALVES BUTTERFLY VALVE& OPERATOR	3AC-B1SA-1 08173 BIF # 67933	BIF & LIMITORQUE BIF0657-LM-SMB025	AB51 DUCT 307.	435211 < BE-35 90-BE-35-20-S6H	IEEE 344-7 5,382 -72AS ME SE C-III	A		3G HNS 3G HEW 3G V 3G HNS 3G HEW 3G V		X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT

TAGS INCLUDED: AV-D53SB-1 ----3AC-B2SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REAC.AUX.BLDG HVAC 0154 ACTUATE VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3AC-B2S9-1 08178 LIMIT#800 5888CC03	BIF LIMITORQUE LIM-SMB-0 0-10/H18C	AB52 VALVE 317.	435211 < 8E-35 90-8E-1 35-20-1 S7	IEEE 344-7 5,382 -72	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0154 PROTECT SWITCH GEAR ROOM FROM TORNADO	VALVES BUTTERFLY VALVES OPERATOR	3AC-B2SB-1 08176 BIF # 67934	BIF & LIMITORQUE BIF0657&L1 M-SMB00-10	DUCT 317.	435211 < 8E-35 90-8E-1 35-20-1 S6I	IEEE 344-7 5,382 -72AS ME SE C-III	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0154 ACTUATE VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3AC-B3SA-1 08181 LIMIT#800 5888CC03	BIF LIMITORQUE LIM-SMB-0 25/H38C	AB51 VALVE 307.	435211 < 8E-35 90-8E-1 35-20-1 S7	IEEE 344-7 5,382 -72	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0154 PROTECT SWITCH GEAR ROOM FROM TORNADO	VALVES BUTTERFLY VALVES OPERATOR	3AC-B3SB-1 08179 BIF # 67933	BIF & LIMITORQUE BIF0657-L 1M-SMB025	AB51 DUCT 307.	435211 < 8E-35 90-8E-1 35-20-1 S6H	IEEE 344-7 5,382 -72AS ME SE C-III	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0163 ACTUATE VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3AV-B1SA-1 08186 LIMIT#800 5888CC03	BIF LIMITORQUE SMC 04-5H18C	FH31 261.	435211 < 8E-35 90-8E-1 35-20-1 S7	IEEE 344-7 5,382 -72	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0163 ACTUATE VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3AV-B2SA-1 08189 LIMIT#800 5888CC03	BIF LIMITORQUE SMC 04-5H18C	FH31 261.	435211 < 8E-35 90-8E-1 35-20-1 S7	IEEE 344-7 5,382 -72	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT

TAGS INCLUDED: 3AC-B2S9-1 ----3AV-32SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0163 ISOLATE IDLE CHARCOAL FILTR ATION UNIT	VALVES BUTTERFLY VALVE& OPERATOR	3AV-B2SA-1 08187 BIF # 67913	BIF BIF & LIMITORQUE BIF0657-L 1M-SMC04-5	FH31 261.	435211 < 3E-35 90-3E-35-20-S63	IEEE 344-7 5,382 -72AS ME SE C-III	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0163 ACTUATE VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3AV-B3SB-1 08192 LIMIT#BOO 588BCC03	BIF LIMITORQUE SMC C4-2/HOBC	FH31 261.	435211 < 3E-35 90-3E-35-20-S7	IEEE 344-7 5,382 -72	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0163 ISOLATE IDLE CHARCOAL FILTR ATION UNIT	VALVES BUTTERFLY VALVE& OPERATOR	3AV-B3SB-1 08190 BIF # 67913	BIF BIF & LIMITORQUE BIF0657&L1 M-SMCC4-2	FH31 261.	435211 < 3E-35 90-3E-35-20-S6C	IEEE 344-7 5,382 -72AS ME SE C-III	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0163 ACTUATE VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3AV-B4SB-1 08195 LIMIT#BOO 588BCC03	BIF LIMITORQUE SMC C4-5/H1BC	FH31 261.	435211 < 3E-35 90-3E-35-20-S7	IEEE 344-7 5,382 -72	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0163 ISOLATE IDLE CHARCOAL FILTR ATION UNIT	VALVES BUTTERFLY VALVE& OPERATOR	3AV-B4SB-1 08193 BIF # 67913	BIF BIF & LIMITORQUE BIF0657-L 1M-SMC04-5	FH31 261.	435211 < 3E-35 90-3E-35-20-S63	IEEE 344-7 5,382 -72AS ME SE C-III	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0163 ACTUATE VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3AV-B5SB-1 08198 LIMIT#BOO 588BCC03	BIF LIMITORQUE SMC C4-5/H1BC	FH31 261.	435211 < 3E-35 90-3E-35-20-S7	IEEE 344-7 5,382 -72	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT

TAGS INCLUDED: 3AV-B2SA-1 ----3AV-B5SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA ORE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q I												
			MODEL NO	ELEV	SQRT #														
REAC.AUX.BLDG HVAC 0163 ISOLATE IDLE FILTRATION UNIT	VALVES BUTTERFLY VALVE& OPERATOR	3AV-B5SB-1 08196 BIF # 67913	BIF BIF & LIMITORQUE BIF0657-L 1M-SMC04-5	FH31 261.	435211 < 3E-35 99-9E-35-29-S69	IEEE 344-7 5,382 -72AS ME SE C-III	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0163 ACTUATE VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3AV-B6SA-1 08201 LIMIT#B00 58&BC003	BIF LIMITORQUE SMC 04-2/HOBC	FH31 261.	435211 < 3E-35 99-9E-35-29-S7	IEEE 344-7 5,382 -72	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0163 ISOLATE IDLE FILTRATION UNIT	VALVES BUTTERFLY VALVE& OPERATOR	3AV-B6SA-1 08199 BIF # 67914	BIF BIF & LIMITORQUE BIF0657&L1 M-SMC04-2	FH31 261.	435211 < 3E-35 99-3E-35-29-S6C	IEEE 344-7 5,382 -72AS ME SE C-III	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0163 ACTUATE VALVE AND CONTROL POSITION	VALVES OPERATOR	3AV-B7SN-1 08183 LIMIT#B00 58&BC003	BIF LIMITORQUE HOBC		435211 < 3E-35 99-9E-35-29-S7	IEEE 344-7 5,382 -72	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0163 STOP OR CONTROL FLOWOF AIR	VALVES BUTTERFLY VALVE& OPERATOR	3AV-B7SN-1 08202 BIF # N-67914	BIF BIF & LIMITORQUE BIF0657&L1 M-SMC04-2	AB31 261.	435211 < 3E-35 99-9E-35-29-S6C	IEEE 344-7 5,382 -72AS ME SE C-III	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0163 PREVENT REVERSAL OF AIR FLOW	VALVES HVAC CHECK VALVE	3AV-V3SA-1 08203 AGCORPT#N 059025059	ANDERSON GREENWOOD ANDERSON GREENWOOD	AB31 DUCT 261.	435140 3E-27 99-9E-27-27-S1	IEEE 344-7 5, AS ME SE C-II & III	A	.22G HNS .20G HEW .20G V	.37G HNS .31G HEW .35G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	FHB-09 E;23,9 1,155, FHB-08 E;34,1 36,232	

TAGS INCLUDED: 3AV-B5SB-1 ----3AV-V4SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL	STA	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	CODES STDS	TUS Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REAC.AUX.BLDG HVAC 0163 PREVENT REVERSAL OF AIR FLOW	VALVES / HVAC CHECK VALVE	3AV-V4SB-1 082C4 / AGCORPT#NC59C25059	ANDERSON GREENWOOD ANDERSON GREENWOOD	AB31 / DUCT / 261.	435140 / 3E-27 / 90-9E-27-20-S1	IEEE 344-75, AS ME SEC-II & III	A	.22G HNS .20G HEW .20G V	.37G HNS .31G HEW .35G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	FHB-03E;23,91,155, FHB-03E;34,136,232	
REAC.AUX.BLDG HVAC 0172 ACTIVE VALVE AND CONTROL POSTION	VALVES / MOTOR OPERATOR	3CZ-B32SA-1 08263 LIMIT#BOO 58&BCC03	BIF / LIMITORQUE SMB-00-15 /H3BC	AB52 / 305.	435211 < 3E-35 90-9E-35-20-S7	IEEE 344-75,382-72	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0172 ISOLATION OF AIR INTAKE AND EXHAUST	VALVES / BUTTERFLY VALVE& OPERATOR	3CZ-B32SA-1 08279 BIF # 67919	BIF & LIMITORQUE SMB-00-15 /H3BC	AB52 / 305.	435211 < 3E-35 90-9E-35-20-S6G	IEEE 344-75,382-72AS ME SEC-III	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0172 ACTUATE VALVE AND CONTROL POSITION	VALVES / MOTOR OPERATOR	3CZ-B33SB-1 08266 LIMIT#BOO 58&BCC03	BIF / LIMITORQUE BIF0657&L1M-SMB-0-25	AB52 / 305.	435211 < 3E-35 90-9E-35-20-S7	IEEE 344-75,382-72	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0172 ISOLATION OF AIR INTAKE AND EXHAUST	VALVES / BUTTERFLY VALVE& OPERATOR	3CZ-B33SB-1 08264 BIF # 67933	BIF&LIMITORQUE BIF0657&L1M-SMB-0-25	AB52 / 305.	435211 < 3E-35 90-9E-35-20-S6H	IEEE 344-75,382-72AS ME SEC-III	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0172 ACTUATE VALVE AND CONTROL POSITION	VALVES / MOTOR OPERATOR	3CZ-B34SA-1 08269 LIMIT#BOO 58&BCC03	BIF / LIMITORQUE SMB-00-1C/H2BC	AB41 / 295.	435211 < 3E-35 90-9E-35-20-S7	IEEE 344-75,382-72	A	3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT

TAGS INCLUDED: 3AV-V4SB-1 ----3CZ-B34SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REAC.AUX.BLDG HVAC 0172 ISOLATION OF AIR INTAKE AND EXHAUST	VALVES BUTTERFLY VALVE& OPERATOR	3CZ-B34SA -1 08267 BIF # 67918	BIF BIF & LIMITORQUE BIF0657&L1 M-SMB-0010	AB41 295.	435211 < BE-35 90-BE- 35-20- S6D	IEEE 344-7 5,382 -72AS ME SE C-III	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0172 ACTUATE VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3CZ-B35SB -1 08272 LIMIT#BUO 588BCC03	BIF LIMITORQUE SMB- OC-10/H2BC	AB41 295.	435211 < BE-35 90-BE- 35-20- S7	IEEE 344-7 5,382 -72	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0172 ISOLATION OF AIR INTAKE AND EXHAUST	VALVES BUTTERFLY VALVE& OPERATOR	3CZ-B35SB -1 08270 BIF # 67918	BIF BIF & LIMITORQUE SMB- OC-10/H2BC	AB41 295.	435211 < BE-35 90-BE- 35-20- S6D	IEEE 344-7 5,382 -72AS ME SE C-III	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0156 ACTUATE VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3CZ-B5SA- -1 08277 LIMIT#BUC 588BCC03	BIF LIMITORQUE SMB-CO5 /HOBC	AB52 305.	435211 < BE-35 90-BE- 35-20- S7	IEEE 344-7 5,382 -72	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0156 ISOLATION OF AIR INTAKE AND EXHAUST	VALVES BUTTERFLY VALVE& OPERATOR	3CZ-B5SA- -1 08276 BIF # 67917	BIF BIF & LIMITORQUE SMB-CO5 /HOBC	AB52 305.	435211 < BE-35 90-BE- 35-20- S6E	IEEE 344-7 5,382 -72AS ME SE C-III	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0156 ACTUATE VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3CZ-B6SB- 1 08281 LIMIT#BUC 588BCC03	BIF LIMITORQUE SMB-O U5/HOBC	AB52 305.	435211 < BE-35 90-BE- 35-20- S7	IEEE 344-7 5,382 -72	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT

TAGS INCLUDED: 3CZ-B34SA-1 ----3CZ-B6SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	CODES STDS	TUS Q	I	ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.AUX.BLDG HVAC 0156 ISOLATION OF AIR INTAKE AND EXHAUST	VALVES BUTTERFLY VALVE& OPERATOR	3CZ-R6SB-1 08280 BIF # 67917	BIF BIF & LIMITORQUE SMB-0 05/HOBC	AB52 305.	435211 < BF-35 90-3E-35-20-S6E	IEEE 344-7 5,382 -72AS ME SE C-III	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0149 ISOLATION OF AIR INTAKE AND EXHAUST	VALVES BUTTERFLY VALVE& OPERATOR	3CZ-R7SA-1 08283 BIF # 67917	BIF BIF & LIMITORQUE BIF0657&L1 M-SMB-005	AB52 305.	475211 < BF-35 90-3E-35-20-S6F	IEEE 344-7 5,382 -72AS ME SE C-III	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0149 VALVE AND CONTROL POSITION	VALVES MOTOR OPERATOR	3CZ-R8SB-1 08288 LIMIT#800	BIF LIMITORQUE SMB-00 5/HOBC	AB52 305.	435211 < BF-35 90-3E-35-20-S7	IEEE 344-7 5,382 -72	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT
REAC.AUX.BLDG HVAC 0149 ISOLATION OF AIR INTAKE AND EXHAUST	VALVES BUTTERFLY VALVE& OPERATOR	3CZ-R8SB-1 08287 BIF # 67917	BIF BIF & LIMITORQUE BIF0657&L1 M-SMB-005	AB52 305.	435211 < BF-35 90-3E-35-20-S6E	IEEE 344-7 5,382 -72AS ME SE C-III	A		3G HNS 3G HEW 3G V	3G HNS 3G HEW 3G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	DUCT DESIGN CONSTANT

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1253
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
REAC.SUPP/CVTY HVAC 0167 PRI SHLD CLG FAN S2A OUT L O	CONTROL DEVICES FLOW SWITCH	FS 1RP 79 70 S 01958 708048	N/A FLUID COMPONENT FR-72-4R	FH21 WALL MTD 236.	435267 26 IN35 IN35-20	IEEE 344-75	A		4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTED IN NATURAL FREQ.
REAC.SUPP/CVTY HVAC RP0166 REACT SUPP CLG FAN S4 OUT L O	CONTROL DEVICES FLOW SWITCH	FS 1RP 79 90 S 01960 708048	N/A FLUID COMPONENT FR-72-4R	FH21 WALL MTD 236.	435267 27 IN35 IN35-20	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTED IN NATURAL FREQ.

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC		Q	I												
			MODEL NO	ELEV	SORT #															
REAC.SUPP/CVTY HVAC RV0168 EQUALIZE PRES BET CAVITY & CONT SPACE	DAMPERS / PRESSURE RELIEF DAMPER	RCD-1 (1X-SN) 07954 / AM WM#80 291001301	AMERICAN WARMING AMERICAN WARMING / NPR-15	CB11 STEEL STRUC / 221.	435217 < BE-34 90-BE-34-20-S1	IEEE 344-7 5 / AISC MAN.O F CON	A	D	.10G HNS .10G HEW .11G V	.17G HNS .19G HEW .19G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	CBDBE 239,299,466 / CBDBE 88,178,399	
REAC.SUPP/CVTY HVAC RP0166 CONTROL AIR FLOW	DAMPERS / DAMPER	RP-D10SAB-1 07956 1018 REV1 #1100	RUSKIN / RUSKIN / CD-82-3V-1	CB21 DUCT, VERT / 236.	435205 BE-25 90-BE 25-20-S1,S13	IEEE 344-7 5	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.SUPP/CVTY HVAC RP0166 CONTROL AIR FLOW	DAMPERS / DAMPER	RP-D11SAB-1 07957 1018 REV1	RUSKIN / RUSKIN / CD-82-3V-1	CB21 DUCT, VERT / 236.	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.SUPP/CVTY HVAC RP0166 CONTROL AIR FLOW	DAMPERS / DAMPER	RP-D12SAB-1 07958 1018 REV1	RUSKIN / RUSKIN / CD-82-3-V1	CB21 DUCT, VERT / 236.	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.SUPP/CVTY HVAC 0167 CONTROL AIR FLOW	DAMPERS / DAMPER	RP-D13SAB-1 07959 1018 REV1	RUSKIN / RUSKIN / CD-82-3V-1	CB11 DUCT VERT / 221.	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.SUPP/CVTY HVAC 0167 CONTROL AIR FLOW	DAMPERS / DAMPER	RP-D14SAB-1 07960 1018 REV1	RUSKIN / RUSKIN / CD-82-3V-1	CB11 DUCT, VERT / 221.	435205 BE-25 90-BE-25-20-S1	IEEE 344-7 5	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: RCD-1 (1X-SN) ----RP-D15SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
REAC.SUPP/CVTY HVAC 0167 CONTROL POSITION OF DAMPER	DAMPERS GEAR OPERATOR	RP-D15SA-1 11685 #B0045	RUSKIN LIMITORQUE SMB-000/ HOBC	CB11 ON DA 221.	435205 BE-2 90-BE-25-20 S8	IEEE	A	D	3G HOR 3G VERT	3G HOR 3G VERT									NA	SEE REC# 07961 FOR DAMPER
REAC.SUPP/CVTY HVAC 0167 CONTROL AIR FLOW	DAMPERS DAMPER	RP-D15SA-1 07961 1018 REV1 #1100	RUSKIN RUSKIN HOBC	CB11 ON DA 221.	435205 BE- 90-BE-25-20-S1,S13	IEEE 344-75	A		3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.SUPP/CVTY HVAC 0167 CONTROL POSITION OF DAMPER	DAMPERS GEAR OPERATOR	RP-D16SB-1 11686 #B0045	RUSKIN LIMITORQUE SMB-001/ CD-82-3V-2	CB11 DUCT, VERT 221.	435205 <2 BE-25 25-20-S8	IEEE	A		3G HOR 3G VERT	3G HOR 3G VERT									NA	SEE REC# 07962 FOR DAMPER
REAC.SUPP/CVTY HVAC 0167 CONTROL AIR FLOW	DAMPERS DAMPER	RP-D16SB-1 07962 1018 REV1 #1100	RUSKIN RUSKIN CD-82-3V-2	DUCT, VERT	435205 BE-25 90-BE-25-20-S1,S13	IEEE 344-75	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.SUPP/CVTY HVAC RP0166 CONTROL POSITION OF DAMPER	DAMPERS GEAR OPERATOR	RP-D17SA-1 11687 #B0045	RUSKIN LIMITORQUE SMB-000/ HOBC	CB11 ON DA 236.	435205 <2 90-BE-25-20-S8	IEEE 344-75	A	D	3G HOR 3G VERT	3G HOR 3G VERT									NA	SEE REC# 07963 FOR DAMPER
REAC.SUPP/CVTY HVAC RP0166 CONTROL AIR FLOW	DAMPERS DAMPER	RP-D17SA-1 07963 1018 REV1	RUSKIN RUSKIN HOBC	CB21 ON DA 236.	435205 BE- 90-BE-90-BE-25-20-S1	IEEE 344-75	A		3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: RP-D15SA-1 ----RP-D18SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	CODES STDS	TUS Q	I	ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REAC.SUPP/CVTY HVAC RPO166 CONTROL POSITI ON OF DAMPER	DAMPERS GEAR OPERATOR	RP-D18SB-1 11688 #B0045	RUSKIN LIMITORQUE SMB-000/ CD-82-3V-2	CB11 DUCT, VERT 234.	435205 <2 BE-25 25-20-S8	IEEE 344-75	A		3G HOR 3G VERT	3G HOR 3G VERT									NA	SEE REC# 07964 FOR DAMPER
REAC.SUPP/CVTY HVAC RPO166 CONTROL AIR FL OW	DAMPERS DAMPER	RP-D18SB-1 07964 1018 REV1	RUSKIN RUSKIN CD-82-3V-2	DUCT, VERT	435205 BE-25 90-BE-25-20-S1	IEEE 344-75	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.SUPP/CVTY HVAC RPO166 CONTROL AIR FL OW	DAMPERS DAMPER	RF-D5SAB-1 07965 1018 REV1	RUSKIN RUSKIN CD-82-3V-2	CB21 ON DAMPER 234.	435205 BE- 90-BE- 90-BE- 25-20-S1	IEEE 344-75	A		3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.SUPP/CVTY HVAC RPO166 CONTROL AIR FL OW	DAMPERS DAMPER	RP-D6SAB-1 07966 1018 REV1	RUSKIN RUSKIN CD-82-3V-1	DUCT, VERT	435205 BE-25 90-BE- 25-20-S1	IEEE 344-75	A		3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.SUPP/CVTY HVAC RPO166 CONTROL AIR FL OW	DAMPERS DAMPER	RF-D7SAB-1 07967 1018 REV1	RUSKIN RUSKIN CD-82-3V-1	CB21 DUCT, VERT 234.	435205 BE-25 90-BE- 25-20-S1	IEEE 344-75	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.SUPP/CVTY HVAC RPO166 CONTROL AIR FL OW	DAMPERS DAMPER	RP-D8SAB-1 07968 1018 REV1	RUSKIN RUSKIN CD-82-3V-1	CB21 DUCT, VERT 234.	435205 BE-25 90-BE- 25-20-S1	IEEE 344-75	A	C	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: RP-D18SB-1 ----RP-D9SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SPRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REAC.SUPP/CVTY HVAC RP0166 CONTROL AIR FLOW	DAMPERS DAMPER	RP-D9SAB-1 07969 1018 REV1	RUSKIN RUSKIN CD-82-3V-1	CB21 DUCT, VERT 236.	435205 9E-25 90-9E-25-20-S1	IEEE 344-7 5	A	B	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	
REAC.SUPP/CVTY HVAC D167 CONTROL AIR FLOW	DAMPERS DAMPER	RP-GD1SA-1 07970 1018 REV1	RUSKIN RUSKIN CBS-7-B	CB11 DUCT, VERT 221.	435205 9E-25 90-9E-25-20-S1,S12	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
REAC.SUPP/CVTY HVAC D167 CONTROL AIR FLOW	DAMPERS DAMPER	RP-GD2SB-1 07971 1018 REV1	RUSKIN RUSKIN CBS-7-B	CB11 DUCT, VERT 221.	435205 9E-25 90-9E-25-20-S1,S12	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
REAC.SUPP/CVTY HVAC RP0166 CONTROL AIR FLOW	DAMPERS DAMPER	RP-GD3SA-1 07972 1018 REV1	RUSKIN RUSKIN CBS-7-B	CB21 DUCT, VERT 236.	435205 9E-25 90-9E-25-20-S1,S12	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1
REAC.SUPP/CVTY HVAC RP0166 CONTROL AIR FLOW	DAMPERS DAMPER	RP-GD4SB-1 07973 1018 REV1	RUSKIN RUSKIN CBS-7-B	CB21 DUCT, VERT 236.	435205 9E-25 90-9E-25-20-S1,S12	IEEE 344-7 5	A	D	3G HORI 3G VERT	3G HOR 3G VERT	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	NA	ALSO RPT WYLE-4680 3-1

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SPRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REAC.SUPP/CVTY HVAC 0167 MOVES AIR	FANS	S-2(1A-SA) 07975	JOY	CB11	435149	IEEE 344-7	A		.10G HNS	.19G HNS	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RCB08E 239,2	
	FAN & MOTOR	JOY RPT # S1&S166	JOY S-2000,38-26-1770	FLOOR 221.	BE-17 90-BE-17-20-S1&S1B	5,323-74 ASTM-A-325			.10G HEW .12G V	.19G HEW .20G V									99,466 RCB08E 88,178 ,399	
REAC.SUPP/CVTY HVAC 0167 MOVES AIR	FANS	S-2(1B-SB) 07976	JOY	CB11	435149	IEEE 344-7	A		.10G HNS	.19G HNS	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RCB08E 239,2	
	FAN & MOTOR	JOY RPT # S1&S166	JOY S-2000,36-26-1770	FLOOR 221.	BE-17 90-BE-17-20-S1&S1B	5,323-74 ASTM-A-325			.10G HEW .12G V	.19G HEW .20G V									99,466 RCB08E 88,178 ,399	
REAC.SUPP/CVTY HVAC RP0166 MOVES AIR	FANS	S-4 (1B-SB) 07978	JOY	CB21	435149	IEEE 344-7	A		.15G HNS	.25G HNS	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RCB08E 235,2	
	FAN & MOTOR	JOY RPT # S1&S165	JOY S-2000,38-26-1770	FLOOR 234.	BE-17 90-BE-17-20-S1&S1A	5,323-74 ASTM-A-325			.15G HEW .30G V	.25G HEW .50G V									95,457 RCB08E 82,172 ,386	
REAC.SUPP/CVTY HVAC RP0166 MOVES AIR	FANS	S-4(1A-SA) 07977	JOY	CB21	435149	IEEE 344-7	A		.15G HNS	.25G HNS	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RCB08E 235,2	
	FAN & MOTOR	JOY RPT # S1&S165	JOY S-2000,36-26-1770	FLOOR 236.	BE-17 90-BE-17-20-S1&S1A	5,323-74 ASTM-A-325			.15G HEW .30G V	.25G HEW .50G V									95,457 RCB08E 82,172 ,386	

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS OF EQUIPMENT IMPORTANT TO SAFETY CAPACITY 900 MW(E) PAGE NO.1259

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
			MODEL NO	ELEV	SQRT #														
REAC.SUPP/CVTY HVAC 0167	PRIMARY ELEMENT	FE 1RP 79 70 S 01957	N/A	CB11 DUCT MTD	435267 268 IN35	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
PRI SHLD CLG FAN S2A OUT LO N	FLOW PRIMARY ELEMENT	708048	FLUID COMPONENT FR-72-4R	221.	IN35-20														
REAC.SUPP/CVTY HVAC RP0166	PRIMARY ELEMENT	FE 1RP 79 90 S 01959	N/A	CB21 DUCT MTD	435267 27A IN35	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
REACT SUPP CLG FAN S4 OUT LO N	FLOW PRIMARY ELEMENT	708048	FLUID COMPONENT FR-72-4R	235.	IN35-20														

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1260
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #		Q	I												
REAC.SUPP/CVTY HVAC RP0166	TANKS	RWST1 07974	WESTI-RECO RESEARCH	FLOOR	CPL AS-10		N													CV
LIQUID CONTAINER	UN1 REF WATSTOR TANK		COTTREL N/A BY CPL																	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REACTOR COOLANT RC0001 LP 1A RTD BYPS	CONTROL DEVICES FLOW SWI TCH	FIS 1RC04 90 S 11960	WESTINGH'S E ITT-BARTON 288A WSO-3	C1R 5	435002 A-02															
REACTOR COOLANT RC0001 LP 1B RTD BYPS	CONTROL DEVICES FLOW SWI TCH	FIS 1RC04 91 S 00197 ITT-BART R3-228A-1	WESTINGH'S E ITT-BARTON 288A	CB21 C1R11 236.	435002 A-02	IEEE-344-75		C											RB-82,172 235, 295, 461	FIS491
REACTOR COOLANT RC0001 LP 1C RTD BYPS	CONTROL DEVICES FLOW SWI TCH	FIS 1RC04 92 S 00198 ITT-BART R3-288A-1	WESTINGH'S E ITT-BARTON 288A WSO-3	CB21 C1R16 236.	435002 A-02	IEEE-344-75		C											RB-82,172 235, 295, 392, 461	FIS492
REACTOR COOLANT RC0001 REACTOR VENTING SYSLEAK DETECTOR	CONTROL DEVICES FLOW SWI TCH	FS 1RC 57 52 S 02378 70848	N/A FLUID COMPONENT 12-64-4 HT	AB31 LCL 260.	435267 29A IN35 IN35-20	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
REACTOR COOLANT RC0001 RVLIS SEAL TABLE HYDRAULIC ISOLATOR	CONTROL DEVICES LEVEL SW ITCH	LIS 1RC13 12 SA 10986 ESE-5CC	WESTINGH'S E W-ID	AB21 A1-R45A 236.	435002 A-02	IEEE 323-74,344,75	A							MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1-27,72, 116, 160, 310, 337	L1S1312
REACTOR COOLANT RC0001 RVLIS REAC HEAD HYDRAULIC ISOLATOR	CONTROL DEVICES LEVEL SW ITCH	LIS 1RC13 21 SB 10985 ESE-5CC	WESTINGH'S E W-ID 581	AB21 A1-R45B 236.	435002 A-02	IEEE 323-74,344,75	A							MF	MD	<33 HZ	<33 HZ	<33 HZ	RA31-27,72, 116, 160, 310, 337	L1S1321

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR

UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1262

OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REACTOR COOLANT RC0001	COUPLING	NA 11696	WESTINGHOUSE BADFORM	CB PIPE MTD	NSSS S0000	ASME SECT III	A		.075 G IN 3 DIR.	.15G IN 3 DIR.	X	X	X	NA		<33 HZ	<33 HZ	<33 HZ	TIME HISTO-RY	
COUPLING		211481	NA	NA																

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1263
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REACTOR COOLANT RC0001 FLUX THIMBLE ASSY	FLUX THIMBLE ASSY	ZZZZZZZZZ ZZZZZZ 11702 167887	WESTINGHOUSE WESTINGHOUSE-PENSACO CUSTOM ORDER	WALL. MTD	NSSS SO000	ASME SECT III	A	N-S .33G E-W .30G VERT .39G	N-S .55G E-W .50G VERT .60G	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	EL.286 VPT.13 HPT.11	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITY	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RCOOO1 CH I PRZR LEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1RC 0459A1 SA 00155	WESTINGH'SE W VX-252	AB52 MCB-1A2 305.	435002 < A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI459A.1
REACTOR COOLANT RCOOO1 CH I PRZR LEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1RC 0459A2 SA 00156	RELIANCE ELECTRIC WESTINGH'SE VX-252	AB43 ACP 286.	435190 INDS INDS-20	IEEE 323-74,344-75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICATION REPORT IS STILL IN REVIEW
REACTOR COOLANT RCOOO1 CH II PRZR LEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1RC 0460 SB 00158	WESTINGH'SE W VX-252	AB52 MCB-1A2 305.	435002 < A-02	IEEE 323-74,344-75	A	B			X			SF	SD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI460
REACTOR COOLANT RCOOO1 CH III PRZR LEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1RC 0461.1 SA 00160	WESTINGH'SE W VX-252	AB52 MCB-1A2 305.	435002 < A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	LI461.1 R
REACTOR COOLANT RCOOO1 CH III PRZR LEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1RC 0461.2 SA 00161	RELIANCE ELECTRIC WESTINGH'SE VX-252	AB43 ACP 286.	435190 INDS INDS-20	IEEE 323-74,344-75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICATION REPORT IS STILL IN REVIEW
REACTOR COOLANT RCOOO1 CH II SG B WIDE RGELEVEL	INDICATORS LEVEL DIRECT INDICATOR	LI 1RC 0487.2 SB 00193	RELIANCE ELECRIC WESTINGH'SE VX-252	AB43 ACP 286.	435190 INDS INDS-20	IEEE 323-74,344-75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICATION REPORT IS STILL IN REVIEW

TAGS INCLUDED: LI 1RC 0459A1 S----LI 1RC 0497.2 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/PEC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
REACTOR COOLANT RCO001 CH III SG B WI DE RGE LEVEL N	INDICATORS LEVEL DIRECT INDICATOR	LI 1RC 0497.2 SA GC211 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252	AB43 ACP 286.	435190 INDS INDS-20	IEEE 323-74, 344-75	B		S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICATION REPORT IS STILL IN REVIEW
REACTOR COOLANT RCO001 RVLIS REAG HOTLEGHYDRAULIC ISOLATOR	INDICATORS	LI5 IRC 11755 ESE-18	581	AB21 R45R 236.	<	IEEE 344-75	A												RAB 148,98 60,9, 325, 292A	
REACTOR COOLANT RCO001 CONTROL ROD DR MECHANISM	INDICATORS CRDM	NA 11691 191901	WESTINGHOUSE WESTINGHOUSE-EMD L1D6A1 CRDM 312	CB VESSL MTD 251.	NSSS < S0115	ASME SECT III	A		N-S .33G E-W .30G VERT .23G	N-S .55G E-W .50G VERT .34G	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	EL.249 VPT.11 HPT.13 EL.286 VPT.9 HPT.11	
REACTOR COOLANT RCO001 THIMBLE GUIDE TUBING	INDICATORS GUIDE TUBING	NA 11695 197321	WESTINGHOUSE WESTINGHOUSE-ASTRO CUSTOM ORDER	SUPPORTED	NSSS < S0090	ASME SECT III	A		.075 G IN 3 DIR.	.15G IN 3 DIR.	X	X	X	D	NA	<33 HZ	<33 HZ	<33 HZ	TIME HISTORY	
REACTOR COOLANT RCO001 RCS WIDE RANGE PRESS.	INDICATORS PRESSURE DIRECT INDICATOR	PI 1RC 0402.2 SA GC091 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252	ACP 286.	435190 INDS INDS-20	IEEE 323-74, 344-75	B		S/S 0.25 F/B .30 VERT 0.25	S/S 0.40 F/B .47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICATION REPORT IS STILL IN REVIEW
REACTOR COOLANT RCO001 RCS WIDE RANGE PRESS.	INDICATORS PRESSURE DIRECT INDICATOR	PI 1RC 0403.1 SB GC093 ESE-14	WESTINGH'SE VX-252	AB52 MCB-1A2 236.	435002 A-22	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37, 60,88, 191, 212	PI403.1

TAGS INCLUDED: LI 1RC 0497.2 S----PI 1RC 0403.2 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
REACTOR COOLANT RCRC01 RCS WIDE RANGE PRESS.	INDICATORS PRESSURE DIRECT INDICATO	PI 1RC 04 C3.2 SB 00094 EP-C056-1	RELIANCE ELECTRIC WESTINGH'S E VX-252	ACP II	435100 < INOS INOS-20	IEEE 323-74, 344-75	B		S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.4G F/B 0.47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICA-TION REPORT IS STILL IN REVIEW
REACTOR COOLANT RC0001 RCS PRES LOOP 3 M	INDICATORS PRESSURE DIRECT INDICATO	PI 1RC 04 04 S 00095	WESTINGH'S E DRESSER INDUSTRIE MOD 45-127 9	CB21 C1R15 RPS-T 236.	435002 036 A-02			C											RAB 82,172 235,295,392,461	PI404
REACTOR COOLANT RC0001 RCS PRES LOOP 1 M	INDICATORS PRESSURE DIRECT INDICATO	PI 1RC 04 05 S 00096	WESTINGH'S E DRESSER INDUSTRIE MOD 45-127 9	CB21 C1R 7 RPSTV 236.	435002 037 A-02			C											RAB 82,172 235,295,392,461	PI405
REACTOR COOLANT RC0001 PRZR PRES CALI E	INDICATORS PRESSURE DIRECT INDICATO	PI 1RC 04 58 S 00679	WESTINGH'S E ASHCROFT 7788	AB21 PIPE MTD 240.	435002 001 A-02			D											NA	PI458
REACTOR COOLANT RC0001 RCS WIDE RANGE PRESS	INDICATORS PRESSURE DIRECT INDICATO	PI 14C 04 G2.1 SA 00090 ESE-14	WESTINGH'S E W VX-252	AB52 MCB-1A2 305.	435002 < A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37,60,88,191,212	PI402.1
REACTOR COOLANT RC0001 RC LOOP A COLD LEG TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1RC 04 10.1 SB 00099 ESE-14	WESTINGH'S E W VX-252	AB52 MCB-1C 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88,212,10,60,191	TI410.1

TAGS INCLUDED: PI 1RC 0403.2 S----TI 1RC 0410.2 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REACTOR COOLANT RC0001 RC LOOP 1 COLD LEG TEMP N	INDICATORS TEMPERATURE DIRECT INDIC	TI 1RC 04 10.2 SB 00098 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252	AB43 ACP 286.	435190 IN05 IN05-20	IEEE 323-'74, 344-'75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICATION REPORT IS STILL IN REVIEW
REACTOR COOLANT RC0001 RC LOOP A HOT LEG TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1RC 04 13.1 SA 00109 ESE-14	WESTINGH'SE VX-252	AB52 MCB-1C 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88,212,10,60,191	TI413.1
REACTOR COOLANT RC0001 RC LOOP 1 HOT LEG TEMP N	INDICATORS TEMPERATURE DIRECT INDIC	TI 1RC 04 13.2 SA 00108 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252	AB43 ACP 286.	<1 IN05 IN05-20	IEEE 323-'74, 344-'75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICATION REPORT IS STILL IN REVIEW
REACTOR COOLANT RC0001 RC LOOP B COLD LEG TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1RC 04 20.1 SB 00115 ESE-14	WESTINGH'SE VX-252	AB52 MCB-1C 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88,212,10,60,191	TI420.1
REACTOR COOLANT RC0001 RC LOOP 2 COLD LEG TEMP N	INDICATORS TEMPERATURE DIRECT INDIC	TI 1RC 04 20.2 SB 00116 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252	AB43 ACP 286.	<1 IN05 IN05-20	IEEE 323-'74, 344-'75	B	D	S/S 0.25 F/B .30 VERT 0.25	S/S 0.40 F/B .47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICATION REPORT IS STILL IN REVIEW
REACTOR COOLANT RC0001 RC LOOP B CONT DELTA T	INDICATORS TEMPERATURE DIRECT INDIC	TI 1RC 04 21B S 00119 ESE-14	WESTINGH'SE VX-252	AB52 MCB-1C 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88,212,10,60,191	TI421B

TAGS INCLUDED: TI 1RC 0410.2 S----TI 1RC 0423.1 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1268
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	O	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #															
REACTOR COOLANT RC0001 RC LOOP B HOT LEG TEMP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1RC 04 23.1 SA 00125 ESE-14	WESTINGH'SE VX-252	AB52 MCB-1C 305.	435002 A-02	IEEE 323-74,344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88,212,10,60,191	TI423.1
REACTOR COOLANT RC0001 RC LOOP 2 HOT LEG TEMP N	INDICATORS TEMPERATURE DIRECT INDIC	TI 1RC 04 23.2 SA 00126 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252	AB43 ACP 286.	435190 IN05 IN05-20	IEEE 323-74,344-75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64,104,152,199,252	QUALIFICATION REPORT IS STILL IN REVIEW
REACTOR COOLANT RC0001 THEMOWELLS	INDICATORS THERMO-WELLS	ZZZZZZZZZZ ZZZZZZ 11709 174712	WESTINGHOUSE SOUTHWEST FABRICATOR	CB PIPE MTD N/A	NSSS < S0325	ASME SECT III	A				X	X	D			<33 HZ	<33 HZ	<33 HZ	NA	ANALYZED AS PART OF PIPING

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REACTOR COOLANT RC0001 RTD BYPASS MANIFOLD	MANIFOLD (QTY-6)	ZZZZZZZZZZ ZZZZZZ 11707 236743	WESTINGHOUSE WESTINGHOUSE CUSTOM ORDER	PIPE MTD	NSSS SQ23D	ASME SECT III	A				X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	NA	ANALYZED AS PART OF PIPING

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1270
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REACTOR COOLANT RC0001 INTEGRATE HEAD MISSLE SHIELD	MISSLE SHIELD	ZZZZZZZZZZ ZZZZZZ 11706 419346	WESTINGHOUSE WESTINGHOUSE-PENSACO CUSTOM ORDER	BOLTED	NSSS SQ185	N/A	A		N-S .33G E-W .30G VERT .23G	N-S .55G E-W .50G VERT .34G	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	EL.249 VPT.11 HPT.13 EL.281 VPT.9 HPT.11	

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1271
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REACTOR COOLANT RC0001 LOOP PIPING	PIPING	ZZZZZZZZZ ZZZZZZ 11694 174712	WESTINGHOUSE SOUTHWEST FABRICATOR CUSTOM ORDER	SUPPORTS	NSSS S0140	ASME SECT III	A		.075G IN 3 DIR.	.15G IN 3 DIR.	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	TIME HISTORY	
REACTOR COOLANT RC0001 PRESSURIZER SURGE LINE	PIPING	ZZZZZZZZZ ZZZZZZ 11700 174712	WESTINGHOUSE SOUTHWEST FABRICATOR CUSTOM ORDER	WELDED	NSSS S0140	ASME SECT III	A		.075G IN 3 DIR.	.15G IN 3 DIR.	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	TIME HISTORY	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001 PRESSURIZER	PRESSURI ZER	1X-SN 11693 159179	WESTINGHOU SE WESTINGHOU SE-TAMPA 1400 CU.FT	FLOOR MTD	NSSS < S0130	ASME SECT III	A		N-S .33G E-W .30G VERT .43G	N-S .55G E-W .50G VERT .62G	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	EL.261 VPT.14 HPT.12 EL.286 VPT.9 HPT.11	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001 LP 1A RTD BYPS ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1RC 04 90 S 00691	WESTINGH'S E VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 022 A-02	IEEE 344 75		D											NA	FE490 QUALIFIED AS PART OF PIPING SYS
REACTOR COOLANT RC0001 LP 1B RTD BYPS ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1RC 04 91 S 00692	WESTINGH'S E VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 023 A-02	IEEE 344 75		D											NA	FE491 QUALIFIED AS PART OF PIPING SYS
REACTOR COOLANT RC0001 LP 1C RTD BYPS ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1RC 04 92 S 00693	WESTINGH'S E VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 024 A-02	IEEE 344 75		D											NA	FE492 QUALIFIED AS PART OF PIPING SYS
REACTOR COOLANT RC0001 REACTOR VENTING SYSLEAK DETECTON	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1RC 57 52 S 02377 70848	N/A FLUID COMPONENT 12-64-4HT	???? PIPE MTD 0.	435267 229 IN35 IN35-20	IEEE 344-75	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
REACTOR COOLANT RC0001 RVLIS REAC HOT LEG HYDRAULIC ISOLATOR	PRIMARY ELEMENT LEVEL PRIMARY ELEMENT	LE 1RC 13 10 SA 12030	WESTINGH'S E ITT-BARTON 581 WSO-3	LCL	435002 A-02															
REACTOR COOLANT RC0001 RVLIS REAC HEAD HYDRAULIC ISOLATOR	PRIMARY ELEMENT LEVEL PRIMARY ELEMENT	LE 1RC 13 11 SA 12029	WESTINGH'S E ITT-BARTON 581 WSO-3	LCL	435002 A-02															

TAGS INCLUDED: FE 1RC 0490 S ----LE 1RC 1312 SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		O I												
REACTOR COOLANT RC0001 RVLIS SEAL TABLE HYDRAULIC ISOLATOR	PRIMARY ELEMENT LEVEL PRIMARY ELEMENT	LE 1RC 1312 SB 12312	WESTINGH'SE ITT-BARTON 581 WSO-3	LCL	435002 A-02														
REACTOR COOLANT RC0001 RVLIS REAC HOT LEG HYDRAULIC ISOLATOR	PRIMARY ELEMENT LEVEL PRIMARY ELEMENT	LE 1RC 1320 SB 12031	WESTINGH'SE ITT-BARTON 581 WSO-3	LCL	435002 A-02														
REACTOR COOLANT RC0001 RVLIS REAC HEAD HYDRAULIC ISOLATOR	PRIMARY ELEMENT LEVEL PRIMARY ELEMENT	LE 1RC 1321 SB 12028	WESTINGH'SE ITT-BARTON 581 WSO-3	LCL	435002 A-02														
REACTOR COOLANT RC0001 RVLIS SEAL TABLE HYDRAULIC ISOLATOR	PRIMARY ELEMENT LEVEL PRIMARY ELEMENT	LE 1RC 1322 SB 12032	WESTINGH'SE ITT-BARTON 581 WSO-3	LCL	435002 A-02														
REACTOR COOLANT RC0001 BRG WTR TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RC 0125 S 00028	WESTINGH'SE WESTINGH'SE	CB21 PIPE MTD 255.	435002 A-02		D											RB 82,172 392, 235, 295, 461	TE125
REACTOR COOLANT RC0001 SEAL WTR TEMP N	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RC 0126 S 00029	WESTINGH'SE WESTINGH'SE	CB21 PMP MTD 255.	435002 A-02		D											RB 82,172 392 235 295 461	TE126

TAGS INCLUDED: LE 1RC 1312 SB----TE 1RC 0128 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REACTOR COOLANT RCOOO1 BRG WTR TEMP N	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RC 01 28 S 00C31	WESTINGH'S E MINCE PROD. INC S7364P120 Z12	CB21 PIPE MTD 255.	435002 A-02			D											NA	TE128
REACTOR COOLANT RCOOO1 SEAL WTR TEMP N	PRIMARY ELEMENT TEMPERATURE PRIM ARY ELEM	TE 1RC 01 29 S 00U32	WESTINGH'S E MINCE PROD. INC S7364P120 Z12	CB21 PIPE MTD 255.	435002 A-02			D											NA	TE129
REACTOR COOLANT RCOOO1 LOOP 1 COLD LE G(RTDPR ST II	PRIMARY ELEMENT TEMPERATURE PRIM ARY ELEM	TE 1RC 04 10 II 00097 ESE-6	WESTINGH'S E RDF 21205	CB21 CONN MTD 257.	435002 < A-02	IEEE 323-74,344 -75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE41D
REACTOR COOLANT RCOOO1 DT-TAVG CONTROL (RTD) HOT LEN	PRIMARY ELEMENT TEMPERATURE PRIM ARY ELEM	TE 1RC 04 11B S 00101 ESE-5	WESTINGH'S E RDF 21204	CB21 PIPE MTD 236.	435002 001 A-02	IEEE 323-74,344 -75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE411B
REACTOR COOLANT RCOOO1 DT-TAVG CONTROL (RTD) COLD LNG	PRIMARY ELEMENT TEMPERATURE PRIM ARY ELEM	TE 1RC 04 11C S 00102 ESE-5	WESTINGH'S E RDF 21204	CB21 PIPE MTD 236.	435002 001 A-02	IEEE 323-74,344 -75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE411C
REACTOR COOLANT RCUCO1 DT-TAVG PROTECT (RTD) PRST N	PRIMARY ELEMENT TEMPERATURE PRIM ARY ELEM	TE 1RC 04 12AI 00103 ESE-5	WESTINGH'S E RDF 21204	CB21 PIPE MTD 236.	435002 < A-02	IEEE 323-74,344 -75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE412A

TAGS INCLUDED: TE 1RC 0128 S ----TE 1RC 0412CI
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
REACTOR COOLANT RCOOO1 DT-TAVG PROTEC T(RTDPR ST I	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 04 12CI 00105 ESE-5	WESTINGH'S E RDF	CB21 LCL 257.	435002 < A-02	IEEE-323-74 344-75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE412C
REACTOR COOLANT RCOOO1 LOOP 1 HOT LEG (RTD)PR ST I	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 04 13 I 00107 ESE-6	WESTINGH'S E RDF 21205	CB21 LCL MTD 257.	435002 < A-02	IEEE-323-74 344-75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE413
REACTOR COOLANT RCOOO1 LOOP 2 COLD LE G(RTD(RTD) PR ST II	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 04 20 II 00114 ESE-6	WESTINGH'S E RDF 21205	CB21 PIPE MTD 257.	435002 < A-02	IEEE 323-7 4,344 -75	A				X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE420
REACTOR COOLANT RCOOO1 DT-TAVG CONTRO L (RTD HOT LEGN	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 04 21B S 00117 ESE-5	WESTINGH'S E RDF 21204	CB21 PIPE MTD 257.	435002 001 A-02	IEEE 323-7 4,344 -75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE421B
REACTOR COOLANT RCOOO1 DT-TAVG CONTRO L(RTDCOLD LEG N	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 04 21C S 00118 ESE-5	WESTINGH'S E RDF 21204	CB21 PIPE MTD 257.	435002 001 A-02	IEEE 323-7 4,344 -75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE421C
REACTOR COOLANT RCOOO1 DT-TAVG PROTEC T (RTD) PR ST NI	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 04 22AII 00120 ESE-5	WESTINGH'S E RDF 21204	CB21 PIPE MTD 257.	435002 < A-02	IEEE 323-7 4,344 -75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE422A

TAGS INCLUDED: TE 1RC 0412CI ----TE 1RC 0422BII
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REACTOR COOLANT RCOC01	PRIMARY ELEMENT	TE 1RC 04 22BII 00121	WESTINGH'S E RDF CORP	CB21 PIPE MTD	435002 < 4-02	IEEE 323-7 4,344	A D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	
DT-TAVG PROTEC T (RTD) PR ST NI	TEMPERAT URE PRIM ARY ELEM	ESE-5	21204	257.		-75													TE422B
REACTOR COOLANT RCOOO1	PRIMARY ELEMENT	TE 1RC 04 22CII 00122	WESTINGH'S E RDF CORP	CB21 PIPE MTD	435002 < 4-02	IEEE 323-7 4,344	A D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	
DT-TAVG PROTEC T (RTD) PR ST NI	TEMPERAT URE PRIM ARY ELEM	ESE-5	21204	257.		-75													TE422C
REACTOR COOLANT RCOOO1	PRIMARY ELEMENT	TE 1RC 04 22DII 00123	WESTINGH'S E RDF CORP	CB21 PIPE MTD	435002 < 4-02	IEEE 323-7 4,344	A D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	
DT-TAVG PROTEC T RTD) PR S T	TEMPERAT URE PRIM ARY ELEM	ESE-5	21204	257.		-75													TE422D
REACTOR COOLANT RCOCU1	PRIMARY ELEMENT	TE 1RC 04 23 I 00124	WESTINGH'S E RDF CORP	CB21 PIPE MTD	435002 < 4-02	IEEE 323-7 4,344	A D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	
LOOP 2 HOT LEG (RTD) N	TEMPERAT URE PRIM ARY ELEM	ESE-6	21205	257.		-75													TE423
REACTOR COOLANT RCOOO1	PRIMARY ELEMENT	TE 1RC 04 30 II 00133	WESTINGH'S E RDF CORP	CB21 PIPE MTD	435002 < 4-02	IEEE 323-7 4,344	A D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	
LOOP 3 COLD LE G(RTDPR ST II N	TEMPERAT URE PRIM ARY ELEM	ESE-6	21205	257.		-75													TE430
REACTOR COOLANT RCOOO1	PRIMARY ELEMENT	TE 1RC 04 31B S 00134	WESTINGH'S E RDF CORP	CB21 PIPE MTD	435002 001 4-02	IEEE 323-7 4,344	A D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	
DT-TAVG CONTRO L (RTD) HOT LEN	TEMPERAT URE PRIM ARY ELEM	ESE-5	21204	236.		-75													TE421B

TAGS INCLUDED: TE 1RC 0422BII ----TE 1RC 0431C S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STOS	Q	I												
REACTOR COOLANT RC0001 DT-TAVG CONTROL	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RC 0431C S 11950	WESTINGH'SE RDF WSO-3	CB21 LCL 234.	435002 001 A-02															
REACTOR COOLANT RC0001 DT-TAVG PROTECT PR ST III N	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RC 0432A 00137 ESE-5	WESTINGH'SE RDF CORP 21204	CB21 PIPE MTD 257.	435002 < A-02	IEEE 323-74,344-75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE432A
REACTOR COOLANT RC0001 DT-TAVG PROTECT PR ST III N	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RC 0432B 00138 ESE-5	WESTINGH'SE RDF CORP 21204	CB21 PIPE MTD 257.	435002 < A-02	IEEE 323-74,344-75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE432B
REACTOR COOLANT RC0001 DT-TAVG PROTECT PR ST III N	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RC 0432C 00139 ESE-5	WESTINGH'SE RDF CORP 21204	CB21 PIPE MTD 257.	435002 < A-02	IEEE 323-74,344-75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE432C
REACTOR COOLANT RC0001 DT-TAVG PROTECT PR ST III N	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RC 0432D 00140 ESE-5	WESTINGH'SE RDF CORP 21204	CB21 PIPE MTD 257.	435002 < A-02	IEEE 323-74,344-75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE432D
REACTOR COOLANT RC0001 LOOP 3 HOT LEG (RTDPR ST I N	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RC 0433 I 00142 ESE-6	WESTINGH'SE RDF CORP 21205	CB21 PIPE MTD 255.	435002 < A-02	IEEE 323-74,344-75	A	D			X	X		SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	TE433

TAGS INCLUDED: TE 1RC 0431C S ----TE 1RC 0450 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001	PRIMARY ELEMENT	TE 1RC 04 50 S 00149	WESTINGH'S E MINC	CB21 PIPE MTD	435002 020 A-02			B											NA	
PRZR SURGE LIN E(RTD E	TEMPERAT URE PRIM ARY ELEM		PROD. INC S7364P125 Z12	236.																TE450
REACTOR COOLANT RC0001	PRIMARY ELEMENT	TE 1RC 04 51 S 00151	WESTINGH'S E MINC	CB31 PIPE MTD	435002 012 A-02			B											NA	
PRZR SPRAY LIN E(RTD E	TEMPERAT URE PRIM ARY ELEM		PROD. INC S7364P120 Z12	262.																TE451
REACTOR COOLANT RC0001	PRIMARY ELEMENT	TE 1RC 04 52 S 00152	WESTINGH'S E MINCE	CB31 LCL	435002 013 A-02			B											NA	
PRZR SPRAY LIN E(RTD	TEMPERAT URE PRIM ARY ELEM		PROD. INC S7364P120 Z12 WSO-	263.																TE452
REACTOR COOLANT RC0001	PRIMARY ELEMENT	TE 1RC 04 53 S 00153	WESTINGH'S E MINC	CB31 TANK MTD	435002 025 A-02			D											RB- 70,160 386	
PRZR LIQUID (R TD)	TEMPERAT URE PRIM ARY ELEM		PROD. INC S7364P175 Z8	267.															227 287 457	TE453
REACTOR COOLANT RC0001	PRIMARY ELEMENT	TE 1RC 04 54 S 00154	WESTINGH'S E MINCE	CB31 TANK MTD	435002 026 A-02			D											RB 70,160 386	TE454
PRZR VAPOR (R TD) N	TEMPERAT URE PRIM ARY ELEM		PROD. INC S7364P175 Z8	267.															227 287 457	
REACTOR COOLANT RC0001	PRIMARY ELEMENT	TE 1RC 13 13 SA 11763	WESTINGH,S E W-ID	CB31 PIPE MTD	435002 A-02	IEEE 323- 1974	A							MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	TE 1319 SEISMIC-ALLY SUPPORTED
RVLIS REACHEAD CAPILLARY INBOARD TEMP	TEMPERAT URE PRIM ARM ELEM	FSE-5CC		278.		344- 1975														

TAGS INCLUDED: TE 1RC 0450 S ----TE 1RC 1314 SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS	LOAD INPUT ZPA OBE	SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q I												
REACTOR COOLANT RC0001 RVLIS REACHEAD CAPILLARY OUTBOARD TEMP	PRIMARY ELEMENT TEMPERAY UREPRIM ARY ELEM	TE 1RC 13 14 SA 11764 ESE-50C	WESTINGH S E W-ID	CB31 PIPE MTD 265.	435002 A-02	IEEE 323-74 344-75	A						MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	ITE 1314 SEISMIC-ALLY SUPPORTED
REACTOR COOLANT RC0001 RVLIS REAC HOT LEG CAPILLARY INBOARD TEMP	PRIMARY ELEMENT TEMPERAY URE PRIM ARY ELEM	TE 1RC 13 15 SA 11765 ESE-50C	WESTINGH'S E W-ID	CB21 PIPE MTD 249.	435002 A-02	IEEE 323-74 344-75	A						MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	ITE 1315 SEISMIC-ALLY SUPPORTED
REACTOR COOLANT RC0001 RVLIS REACHOT LEG CAPILLARY OUTBOARD TEMP	PRIMARY ELEMENT TEMPERAY URE PRIM ANY ELEM	TE 1RC 13 16 SA 11766 ESE-50C	WESTINGH S E W-ID	0.	435002 A-02	IEEE 323-74 344-75	A						MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	ITE 1316 SEISMIC-ALLY SUPPORTED SPARE
REACTOR COOLANT RC0001 RVLIS CAPILLAR TO SEAL TABLE INBOARD TEMP	PRIMARY ELEMENT TEMPERAY URE PRIM ARY ELEM	TE 1RC 13 17 SA 11767 ESE-50C	WESTINGH S E W-ID	CB11 PIPE MTD 225.	435002 A-02	IEEE 323-74 344-75	A						MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	ITE 1317 SEISMIC-ALLY SUPPORTED
REACTOR COOLANT RC0001 RVLIS CAPILLAR Y TO SEAL TABL E ONTBOARDTEMP	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 13 18 SA 10975	WESTINGH'S E MINC PROD. INC LATER	CB21 PIPE MTD 235.	435002 A-02			D										NA	TE1318 SEISMIC-ALLY INSTALLED
REACTOR COOLANT RC0001 RVLIS CAPILLAR Y FROM SEAL TABLE TEMP	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 13 19 SAW 12041	WESTINGH'S E MINCE PROD. INC WSO-3	LCL	435002 A-02														

TAGS INCLUDED: TE 1RC 1314 SA----TE 1RC 1323 SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001 RVLIS REAC HEA D CAPILLARY INNOARD TEMP	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 13 23 SB 10977	WESTINGH'S E MINC PROD. INC LATER	C831 PIPE MTD 279	435002 A-02			D											NA	TE1323 SEISMIC CALLY INSTALLED
REACTOR COOLANT RC0001 RVLIS REAC HEA D CAPILLARY OUNBOARD TEMP	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 13 24 SB 10978	WESTINGH'S E MINC PROD. INC LATER	C831 LCL MTD 268.	435002 A-02			D											NA	TE1324 SEISMIC CALLY INSTALLED
REACTOR COOLANT RC0001 RVLIS REAC HOT LEG CAPILLARY INBOARD TEMP	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 13 25 SB 12049	WESTINGH'S E MINCE PROD. INC LATER WSO-3	LCL	435002 A-02															
REACTOR COOLANT RC0001 RVLIS REAC HOT LEG CAPILARY OUTBOARD TEMP	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 13 26 SB 12047	WESTINGH'S E MINCE PROD. INC LATER WSO-3	LCL	435002 A-02															
REACTOR COOLANT RC0001 RVLIS CAPILLAR Y TO SEAL TABL E INBOARD TEMP	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 13 27 SB 12045	WESTINGH'S E MINCE PROD. INC LATER WSO-3	LCL	435002 A-02															
REACTOR COOLANT RC0001 RVLIS CAPILLAR Y TO SEAL TABL E OUTBOARDTEMP	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RC 13 28 SB 12043	WESTINGH'S F MINCE PROD. INC LATER WSO-3	LCL	435002 A-02															

TAGS INCLUDED: TE 1RC 1323 SB----TE 1RC 1329 SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR

UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1282

OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
REACTOR COOLANT RCOOO1	PRIMARY ELEMENT	TE IRC 13 29 SB 10974	WESTINGH'S E MINC	CB21 PIPE MTD	435002 A-02			D											NA	TE1329 SEISMIC ALLY INSTALLED SPARE
RVLIS CAPILLAR Y FROM SEAL TANLE TEMP	TEMPERAT URE PRIM ARY ELEM		PROD. INC LATER	248.																

AE: ERASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STA TUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REACTOR COOLANT RC0001 RCP PRESS BOUNDARY	PUMPS (QTY-3)	1A-SN,1B-SN 11697 164607	WESTINGHOUSE WESTINGHOUSE SE-EMD W-11010-A1 (93-ACS)	CB SUPPORTS	VSSS SD125	ASME SECT III	A		N-S .22G E-W .21G VERT .19G	N-S .36G E-W .39G VERT .30G	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	EL.236 VPT.12 HPT.14 EL.261 VPT.10 HPT.12	
REACTOR COOLANT RC0001 RCP MOTOR &ACCESSORIES	PUMPS MOTOR (QTY-3)	1A-SN,1B-SN 1C-SN 11698 164607	WESTINGHOUSE WESTINGHOUSE SE-EMD 7000-HP, CS-VSS	CB SUPPO MTD 261.	VSSS SD125	ASME SECT III	A		N-S .22G E-W .21G VERT .19G	N-S .36G E-W .39G VERT .30G	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	EL.236 VPT.12 HPT.14 EL.261 VPT.10 HPT.12	

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1284
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REACTOR COOLANT RC0001 RV INTERNALS	R.V. INTERNAL	ZZZZZZZZZZ ZZZZZZ 11699 167887	WESTINGHOUSE WESTINGHOUSE-PENSECO CUSTOM ORDER	SUPPORTS	NSSS S0042	ASME SECT III	A		N-S .17G E-W .17G VERT .17G	N-S .30G E-W .34G VERT .28G	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	EL.249 VPT.11 HPT.13	

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1285
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REACTOR COOLANT RCOC01 REACTOR VESSEL	REACTOR VESSEL	1X-SN 11690 150117	WESTINGHOUSE CHICAGO BRIDGE 157" PWR	SUPPORTS	NSSS 50135	ASME SECT III	A	N-S .17G E-W .17G VERT .17G	N-S .30G E-W .34G VERT .28G	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	EL.249 VPT.11 HPT.13	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REACTOR COOLANT RC0001 PRZR LEVEL PEN-1 PRZR LVL SEL PEN-	RECORDER S LEVEL RECORDER PRINTE	LR 1RC 04 59 S 00157 ESE-15	WESTINGH'S E W CID OPT1MAC 100	AB52 RCDR PNL 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37 60,88, 191, 212	LR459
REACTOR COOLANT RC0001 RCS WIDE RANGE -PEN 1-RC LOOP C WR PRES2-RC	RECORDER S PRESSURE RECORDER OR PRI	PR 1RC 04 02 S 00092 ESE-15	WESTINGH'S E W CID 17450	AB52 RCDR-PNL 305.	435002 < A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,88, 191, 212	PR402
REACTOR COOLANT RC0001 PEN 1 RCLPA CL TEMPPEN 2 RCL PB CL TEMPPEN	RECORDER S TEMPERATURE RECORDER OR	TR 1RC 04 10 S 00100 ESE-15	WESTINGH'S E W CID 17450 WSO-3	AB52 RCDR-PNL 305.	435002 A-02 (IN-39	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TR410
REACTOR COOLANT RC0001 PEN-1 RCLPA HL TEMPPEN-2 RCL PB HL TEMPPEN-	RECORDER S TEMPERATURE RECORDER OR	TR 1RC 04 13 S 00110 ESE-15	WESTINGH'S E W CID OPTIMAC100 WSO-3	AB52 RCDR-PNL 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212, 10,60 191	TR413

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1287
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SOPT #	STDS	Q I	ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REACTOR COOLANT RC0001	RELAYS	RLY 1RC04 791STD 12136	WESTINGH'SE	AR-3	435002 A-02														
ROD CONTROL TURBINE POWER RUNB	RADIATION SIG.COND.OR FU		TFR21U312																

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR

UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1288

OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REACTOR COOLANT RC0001 SEAL TABLE ASSEMBLY	SEAL TABLE	ZZZZZZZZZ ZZZZZZ 11701 167887	WESTINGHOUSE WESTINGHOUSE-PENSACO CUSTOM ORDER	FLOOR MTD	NSSS S0090	ASME SECT III	A	N-S .22G E-W .21G	N-S .38G E-W .39G	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	EL.261 VPT.14 HPT.12	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RCO001	SENSOPS	FT 1RC 04 14 I 00111	WESTINGH'S E BARTON	CB21 C1R 4 RPS-I	435002 04A A-02	IEEE 323-7 4,344	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB- 82,172 235, 295, 392, 461	
RCS FLOW LOOP 1 PR ST I M	FLOW TRANSMITTER	ESE-4	752 GROUP B	236.		-75														FT414
REACTOR COOLANT RCO001	SENSORS	FT 1RC 04 15 II 00112	WESTINGH'S E BARTON	CB21 C1R 3 RPSII	435002 04B A-02	IEEE 323-7 4,344	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB- 82,172 235, 295, 392, 461	
RCS FLOW LOOP 1 PR ST II M	FLOW TRANSMITTER	ESE-4	752 GROUP B	236.		-75														FT415
REACTOR COOLANT RCO001	SENSORS	FT 1RC 04 16 III 00113	WESTINGH'S E BARTON	CB21 C1R 2 RPS-	435002 A-02	IEEE 323-7 4,344	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB- 82,172 235, 295, 392, 461	
RCS FLOW LOOP 1 PR ST III	FLOW TRANSMITTER	ESE-4	752 GROUP B	236.		-75														FT416
REACTOR COOLANT RCO001	SENSORS	FT 1RC 04 24 I 00127	WESTINGH'S E BARTON	CB21 C1R10 RPS-I	435002 04D A-02	IEEE 323-7 4,344	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB- 82,172 235, 295, 392, 461	
RCS FLOW LOOP 2 PR ST I M	FLOW TRANSMITTER	ESE-4	752 GROUP B	236.		-75														FT424
REACTOR COOLANT RCO001	SENSORS	FT 1RC 04 25 II 00128	WESTINGH'S E BARTON	???? C1R 9 RPSII	435002 04E A-02	IEEE 323-7 4,344	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	FT425
RCS FLOW LOOP 2 PR ST II M	FLOW TRANSMITTER	ESE-4	752 GROUP B	236.		-75														
REACTOR COOLANT RCO001	SENSORS FLOW TRANSMITTER	FT 1RC 04 26 III 00129 ESE-4	1PT60 0B BARTON R 128168316 , 341	8169 00A 1PT	435002 04F A-02	IEEE 323-7 4,344 -75	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ		

TAGS INCLUDED: FT 1RC 0414 I ----FT 1RC 0434 I
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SQRT #1		Q	I												
REACTOR COOLANT RC0001 RCS FLOW LOOP 3 PR ST I M	SENSORS FLOW TRANSMITTER	FT 1RC 04 34 I 00143 ESE-4	WESTINGH'S E BARTON 752 GROUP B	CB21 C1R15 RPS-1 236.	435002 046 A-02	IEEE 323-74 4,344 -75	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB-82,172 235, 295, 392, 461	FT434
REACTOR COOLANT RC0001 RCS FLOW LOOP 3 PR ST II M	SENSORS FLOW TRANSMITTER	FT 1RC 04 35 II 00144 ESE-4	WESTINGH'S E BARTON 752 GROUP B	CB21 C1R14 RPSII 236.	435002 044 A-02	IEEE 323-74 4,344 -75	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB-82,172 235, 295, 392, 461	FT435
REACTOR COOLANT RC0001 RCS FLOW LOOP 3 PR ST III M	SENSORS FLOW TRANSMITTER	FT 1RC 04 36 III 00146 ESE-4	WESTINGH'S E BARTON 752 GROUP B	CB21 C1R13 RPS- 236.	435002 041 A-02	IEEE 323-74 4,344 -75	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB-82,172 235, 295, 392, 461	FT436
REACTOR COOLANT RC0001 DP TRANS,PZR LVL,STM FLW,S/G LNL(W/R&N/R)	SENSORS LEVEL TRANSMITTER	LT 1RC 04 59 I 00680 ESE-3A	WESTINGH'S E BARTON 764 GROUP A	CB21 CIR-6 RPS-1	435002 005 A-02 236.	IEEE 323-74 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB-82,172 235, 295, 392, 461	LT459
REACTOR COOLANT RC0001 PRZR LEVEL PR ST II N	SENSORS LEVEL TRANSMITTER	LT 1RC 04 60 II 00159 ESE-3A	WESTINGH'S E BARTON 764 GROUP A	CB21 C1R 9 RPSII 236.	435002 006 A-02	IEEE 323-74 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB-82,172 235, 295, 392, 461	LT460
REACTOR COOLANT RC0001 PRZR LEVEL PR ST III N	SENSORS LEVEL TRANSMITTER	LT 1RC 04 61 III 00162 ESE-3A	WESTINGH'S E BARTON 764 GROUP A	CB21 C1R 8 RPS- 236.	435002 007 A-02	IEEE 323-74 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB 82,172 235, 295, 392, 461	LT461

TAGS INCLUDED: FT 1RC 0434 I ----LT 1RC 0462 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001	SENSORS	LT 1RC 04 62 S 00163	WESTINGH'S E BARTON	CB21 C1R17	435002 045 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB 82,172 392, 235, 295 461	LT462
PRZR LEVEL CAL IB N	LEVEL TRANSMITTER	ESE-4	752 GROUP B	234.																
REACTOR COOLANT RC0001 RVLIS REACT VESSEL PLENUM LEVEL	SENSOPS LEVEL TRANS-MITTER	LT 1RC 13 10 SA 11773 ESE-50C	WESTINGH'S E ITT BARTON WSO-325	AB21 A1- R45A 236.	435002 A-02	IEEE 323-7 4,344 ,75	A							MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1- 27,72, 116, 160, 310, 337	LIS1310
REACTOR COOLANT RC0001 RVLIS REAC VESSEL NARROW RANGE LEVEL	SENSORS LEVEL TRANS MITTER	LT 1RC 13 11 SA 11758	WESTINGH'S E ITT BARTON WSO-325	AB21 A1- R45A 236.	435002 A-02															
REACTOR COOLANT RC0001 RVLIS REAC VESSEL NARROW RANGE LEVEL	SENSORS LEVEL TRANS-MITTER	LT 1RC 13 12 SA 11775 ESE-50C	WESTINGH'S E ITT BARTON WSO-325	AB21 A1- R45A 236.	435002 A-02	IEEE 323-7 4,344 ,75	A							MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1- 27,72, 116, 160, 310, 337	LIS1312
REACTOR COOLANT RC0001 RVLIS REAC VESSEL PLENUM LEVEL	SENSORS LEVEL TRANS-MITTER	LT 1RC 13 20 SB 11776 ESE-50C	WESTINGH'S E ITT BARTON WSO-325	AB21 A1- R45B 236.	435002 A-02	IEEE 323-7 4,344 ,75	A							MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1- 27,72, 116, 160, 310, 337	LIS1320
REACTOR COOLANT RC0001 RVLIS REAC VESSEL NARROW RANGE LEVEL	SENSORS LEVEL TRANS MITTER	LT 1RC 13 21 SB 11761 SA&SB	WESTINGH'S E ITT BARTON WSO-325	AB21 A1- R45B 236.	435002 A-02	IEEE 323-7 4,344 -75	A				X			SF	SD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37, 60,88 191, 212	

TAGS INCLUDED: LT 1RC 0462 S ----LT 1RC 1322 SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REACTOR COOLANT RC0001	SENSORS	LT 1RC 13 22 SB 11778	WESTINGH'S E ITT BARTON	A621 A1- R453	435002 A-02	IEEE 323-7 4,344 ,75	A							MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1- 27,72, 116, 160, 310, 337	LIS1322
RVLIS REAC VESSEL WIDE RANGE LEVEL	LEVEL TRANS-MITTER	ESE-50C	WSO-325	236.																
REACTOR COOLANT RC0001 RVLIS REAC COOLANT SYSTEM WIDE RANGE PRES	SENSORS PRESSURE TRANSMITTER	PT 1RC 04 40 SA 12036	WESTINGH'S E ITT-BARTON LATER WSO-3	A1- R464	435002 A-02															
REACTOR COOLANT RC0001 RVLIS REAC COOLANT SYSTEM WIDE RANGE PRES	SENSORS PRESSURE TRANSMITTER	PT 1RC 04 41 SB 12040	WESTINGH'S E LATER WSO-3	A1- R463	435002 A-02															
REACTOR COOLANT RC0001 PRZR PRES CNTL PRES XMIT TERM	SENSORS PRESSURE TRANSMITTER	PT 1RC 04 44 S 00147 ESE-2	WESTINGH'S E BARTON 753 GROUP B	CB21 C1R17 236.	435146 11 IN46	IEEE 323-7 4,344 -75	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB 82,172 235, 295, 392, 461	PT444 SPARE
REACTOR COOLANT RC0001 PRZR PRESS. CONT	SENSORS PRESSURE TRANSMITTER	PT 1RC 04 45 S 00148 ESE-2	WESTINGH'S E BARTON 753 WSO-3	CB21 C1R17 236.	435146 012 IN46	IEEE 323-7 4,344 -75	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB- 82,172 235, 295, 392, 461	PT445 SPARE

SYSTEM/CODE	EQUIPMENT TYPE	EQUIPMENT TAG#/REC#	EQUIPMENT MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REACTOR COOLANT RC0001 RV HD ADAPTER PLUGS	SPECIALTIES PLUGS	ZZZZZZZZZZZZZZZ 11708 167887	WESTINGHS'E WESTINGHS'E-PENECOLA CUSTOM ORDER	VESSL	NSSS S0175	ASME SECT TII	A		N-S .17G E-W .17G VERT .17G	N-S .30G E-W .34G VERT .28G	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	EL.249 VPT.11 HPT.13	
REACTOR COOLANT RC0001 LOOP 1 COLD LEG TO RCS RTD BUTT WELD ENDS	SPECIALTIES RES ORFICE 2	1RC-U1SN-1 11342	VICKERS-SIMMS VICKERS-SIMMS	CB21 PIPE MTD 235.	435234 023 M-09V 50-409 V-23	ASME SECT TII 74ED WINTR 76ADD	C		1.5G HOR 1G VERT	3G HOR 2G VERT	X									QUALIFIED AS PART OF PIPING SYSTEM
REACTOR COOLANT RC0001 LOOP 2 COLD LEG TO RTD BUTT WELD ENDS	SPECIALTIES RES ORFICE 2	1RC-U2SN-1 11343	VICKERS-SIMMS VICKERS-SIMMS	CB21 PIPE MTD 235.	435234 023 M-09V 50-409 V-23	ASME SECT TII 74ED WINTR 76ADD	C		1.5G HOR 1G VERT	3G HOR 2G VERT	X									QUALIFIED AS PART OF PIPING SYSTEM
REACTOR COOLANT RC0001 LOOP 3 COLD LEG OUTLET TO RCS RED	SPECIALTIES RES ORFIC 2	1RC-U3SN-1 11344	VICKERS-SIMMS VICKERS-SIMMS	CB21 PIPE MTD 235.	435234 023 M-09V	ASME SECT TII 74ED WINTR 76ADD	C	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X								NA	QUALIFIED AS PART OF PRPING SYSTEM

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1294
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REACTOR COOLANT RCOOU1	STEAM GENERATO (QTY-3)	1A-SN,1B-SN,1C-SN 11692	WESTINGHOUSE WESTINGHOU	CB SUPP-ORTS	NSSS SQ120	ASME SECT III	A		N-S .41G E-W	N-S .64G E-W	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	EL.239 VPT.12 HPT.14	CONT'D F.R.S. EL.302
STEAM GENERATORS		162064	SE-TEMPA D4-1	239.					.33G VERT .24G	.57G VERT .34G									EL.261 VPT.10 HPT.12	VPT.8 HPT.10

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RCOOO1 PRIM COOLANT LOOP-CROSSOVER LEG SUPPORT	SUPPORTS PIPE SUPPORT	NA 11925 217351	WESTINGH'S E WESTINGH'S E CUSTOM ORDER	CB WALL 250.	NSSS SO957	ASME SECT III	A		N-S .22G E-W .21G VERT .19G	N-S .38G E-W .39G VERT .30G	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	EL.261 VPT.10 HPT.12	
REACTOR COOLANT RCOOO1 REACTOR VESSEL SUPPORT STRUCT	SUPPORTS RV.SHOES & SHIMS	ZZZZZZZZZ ZZZZZZ 11703 2G4002	WESTINGHOU SE WESTINGHOU SE(SPDWY) CUSTOM ORDER	FLOOR MTD	SO957	ASME SECT III	A		N-S .17G E-W .17G VERT .17G	N-S .30G E-W .34G VERT .28G	X	X	D		NA	>33 HZ	>33 HZ	>33 HZ	EL.249 VPT.11 HPT.13	
REACTOR COOLANT RCOOO1 UPPER PRESSURIZER	SUPPORTS	ZZZZZZZZZ ZZZZZZ 11704 217351	WESTINGHOU SE WESTINGH'S (TELEDYNE) CUSTOM ORDER	WALL MTD	NSSS SO957	ASME SECT III	A		N-S .33G E-W .30G VERT .23G	N-S .55G E-W .50G VERT .34G	X	X	D		NA	<33 HZ	<33 HZ	<33 HZ	EL.286 VPT.9 HPT.11	
REACTOR COOLANT RCOOO1 CPDM SEISMIC SUPPORT TIE ROD	SUPPORTS TIE ROD	ZZZZZZZZZ ZZZZZZ 11705 419346	WESTINGHOU SE SPEEDWAY CUSTOM ORDER	WALL MTD.	NSSS SO185	ASME SECT III	A		N-S .33G E-W .30G VERT .23G	N-S .55G E-W .50G VERT .34G	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	EL.249 VPT.11 HPT.13 EL.286 VPT.9 HPT.11	
REACTOR COOLANT RCOOO1 REACTOR COOLNT PUMP TIE RODS	SUPPORTS TIE RODS	ZZZZZZZZZ ZZZZZZ 11926 217351	WESTINGH'S E WESTINGH'S E CUSTOM ORDER	CB WALL 261.	NSSS SO957	ASME SECT III	A		N-S .22G E-W .21G VERT .19G	N-S .36G E-W .39G VERT .30G	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	EL.261 VPT.10 HPT.12	
REACTOR COOLANT RCOOO1 REACTOR COOLNT PUMP VERTICAL COLUMN	SUPPORTS VERTICAL COLUMN	ZZZZZZZZZ ZZZZZZ 11927 217351	WESTINGH'S E WESTINGH'S E CUSTOM ORDER	CB FLOOR 236.	NSSS SO957	ASME SECT	A		N-S .14G E-W .14G VERT .15G	N-S .25G E-W .27G VERT .26G	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	EL.236 VPT.12 HPT.14	

TAGS INCLUDED: NA ----ZZZZZZZZZZZZZZZ
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1296
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001	SUPPORTS	ZZZZZZZZZZ ZZZZZZ 11928	WESTINGH'S E WESTINGH'S	CB FLOOR	NSSS S0957	ASME SECT III	A		N-S .14G E-W .14G	N-S .25G E-W .27G	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	EL.236 VPT.12 HPT.14	
REACTOR COOLNT SYS HOT LEG RESTRAINT	PIPING RESTRNT	217351	E CUSTOM ORDER	238.					VERT .15G	VERT .26G									EL.221 VPT.16 HPT.15	
REACTOR COOLANT RC0001 STEAM GENERA-OR VERTICAL SUPPORTS	SUPPORTS VERTICAL COLUMN	ZZZZZZZZZZ ZZZZZZ 11929	WESTINGH'S E WESTINGH'S	CB FLOOR	NSSS S0957	ASME SECT III	A		N-S .14G E-W .14G	N-S .25G E-W .27G	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	EL.236 VPT.12 HPT.14	
		217351	CUSTOM ORDER	239.					VERT .15G	VERT .26G										
REACTOR COOLANT RC0001 STM GENERATOR LWR LATERAL SUPPORTS	SUPPORTS LOWER LATERAL	ZZZZZZZZZZ ZZZZZZ 11930	WESTINGH'S E WESTINGH'S	CB WALL	NSSS S0957	ASME SECT III	A		N-S .22G E-W .21G	N-S .38G E-W .39G	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	EL.261 VPT.10 HPT.12	
		217351	CUSTOM ORDER	261.					VERT .19G	VERT .30G										
REACTOR COOLANT RC0001 STM GENERATOR UPPER LATERAL SUPPORTS	SUPPORTS UPPER LATERAL	ZZZZZZZZZZ ZZZZZZ 11931	WESTINGH'S E WESTINGH'S	CB WALL	NSSS S0957	ASME SECT III	A		N-S .41G E-W .33G	N-S .64G E-W .57G	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	EL.302 VPT.8 HPT.10	
		217351	CUSTOM ORDER	302.					VERT .24G	VERT .34G										

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST PEP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q I												
REACTOR COOLANT RCOOC1 PRZR SURGE LINE E	TEST POINTS TEMPERATURE TEST WALL	TW 1RC 04 50 S 00674	WESTINGH'SE MINC PROD. INC F269U40	CB21 PIPE MTD 236.	435002 20A A-02		B											NA	TW450
REACTOR COOLANT RCOOC1 PRZR SPRAY LINE E	TEST POINTS TEMPERATURE TEST WALL	TW 1RC 04 51 S 00675	WESTINGH'SE MINC PROD. INC F269U35	CB31 PIPE MTD 262.	435002 12A A-02		B											NA	TW451
REACTOR COOLANT RCOOC1 PRZR SPRAY LINE E	TEST POINTS TEMPERATURE TEST WALL	TW 1RC 04 52 S 00676	WESTINGH'SE MINC PROD. INC F269U35	CB31 PIPE MTD 263.	435002 13A A-02		B											NA	TW452
REACTOR COOLANT RCOOC1 PRZR LIQUID N	TEST POINTS TEMPERATURE TEST WALL	TW 1RC 04 53 S 00677	WESTINGH'SE MINC PROD. INC F270U120	CB31 PIPE MTD 267.	435002 25A A-02		D											NA	TW453
REACTOR COOLANT RCOOC1 PRZR VAPOR TEMP N	TEST POINTS TEMPERATURE TEST WALL	TW 1RC 04 54 S 00678	WESTINGH'SE MINCE PROD. INC F270U120	CB31 PIPE MTD 267.	435002 26A A-02		D											NA	TW454

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E)
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
REACTOR COOLANT RCOC01 PRZR SFTY RELF VLV POS S	VALVES POSITION SWITCH	ZS 1RC R5 28SAB-1 02366	CROSBY CROSBY MARH-2 32-37 AT	CB41 VLV MTD 286.	435089 M-40	ASME SECT III	C	D			X								NA	VLV SUPP-LIED BY NSSS FINAL REP EXPECTED BY 2/85
REACTOR COOLANT RCOC01 PRZR SFTY RELF VLV POS S N	VALVES POSITION SWITCH	ZS 1RC R5 29SAB-1 02364	CROSBY CROSBY MARH-2 32-37 AT	CB VLV MTD 286.	435089 M-40	ASME SECT III	C	D			X								NA	VLV SPPLD BY NSSS FINA RPT EXPECTED BY 2/85
REACTOR COOLANT RCOC01 PRZR SFTY RELF VLV POS S N	VALVES POSITION SWITCH	ZS 1RC R5 30SAB-1 02365	CROSBY CROSBY MARH-2 32-37 AT	CB VLV MTD 286.	435089 M-40	ASME SECT III	C	D			X								NA	VLV SPPLD BY NSSS FINA RPT EXPECTED BY 2/85
REACTOR COOLANT RCOC01 LOOP 1 COLD LEG OUTLET TO RCS PE SPRAY	VALVES PRESS CONTR 4	1RC-P525S N-1 05500 183622	WESTINGH'S E COPES - VULCAN INC 4",1500#,A	CB41 PIPE MTD 286.	NSSS P444 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 4SA88RGA R
REACTOR COOLANT RCOC01 LOOP 2 COLD LEG OUTLET TO RCS PE SPRAY	VALVES PRESS CONTR 4	1RC-P526S N-1 05516 183622	WESTINGH'S E COPES - VULCAN INC 4",1500#,A	CB21 PIPE MTD 236.	NSSS P444 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 4SA88RGA R
REACTOR COOLANT RCOC01 PRESSURIZER POWER RELIEF VALVE ENLET	VALVES PRESS CONTR 3	1RC-P527S N-1 05552 183622	WESTINGH'S E COPES - VULCAN INC 3",1500#,A	CB41 PIPE MTD 305.	NSSS P445 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3IA88RG ACTIRE VALVE

TAGS INCLUDED: ZS 1RC R528SAB-----1RC-P528SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RCOOO1 PRESSURIZER POWER RELIEF VALVE ENLET	VALVES PRESS CONTRO 3	1RC-P528S N-1 05550 183622	WESTINGH'S E COPES - VULCAN INC 3",1500#,A	CB41 PIPE MTD 306.	NSSS P445 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3IA88RG ACTIRE VALVE
REACTOR COOLANT RCOOO1 PRESSURIZER POWER RELIEF VALVE INLET	VALVES PRESS CONTRO 3	1RC-P529S N-1 05548 183622	WESTINGH'S E COPES - VULCAN INC 3",1500#,A	CB41 PIPE MTD 306.	NSSS P444 S0220	ASME SECT III	A			2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3IA88RG ACTIVE VALVE
REACTOR COOLANT RCOOO1 PRESSURIZER DISCHARGE TO CODE SEFETY VALVE	VALVES RELIEF 6	1RC-R528S N-1 05539 178348	WESTINGH'S E CROSBY MOD-03003 GM99FNH02G	CB41 PIPE MTD 309.	NSSS 8010 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6RV88MSB ACTIRE VLV
REACTOR COOLANT RCOOO1 PRESSURIZER DISCHARGE TO CODE SEFETY VALVE	VALVES RELIEF 6	1RC-R529S N-1 05540 178348	WESTINGH'S E CROSBY HB-BP-86	CB41 PIPE MTD 309.	NSSS 8010 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6RV88MSB ACTIRE VLV
REACTOR COOLANT RCOOO1 PRESSURIZER DISCHARGE TO CODE SNFETY VALVE	VALVES RELIEF 6	1RC-R530S N-1 05541 179348	WESTINGH'S E CROSBY NB-BP-86	CB41 PIPE MTD 309.	NSSS 8010 S0220	ASME SECT III	A	D		2.1G IN 3 DIR.	X	X	D			>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6RV88MSB ACTI E VLV
REACTOR COOLANT RCOOO1 LOOP 1 HOT LEG OUTLET TO RCS RTD	VALVES PCKLESS GLO 2	1RC-V109S N-1 05487 KSAP-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 0021 M-69 S0-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 1RC-P528SN-1 ----1RC-V11SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001 LOOP 2 HOT LEG TO RTD BUTT WELD ENDS	VALVES PCKLESS GLO 2	1RC-V11SN -1 05502 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 0028 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 LOOP 2 HOT LEG TO RTD BUTT WELD ENDS	VALVES PCKLESS GLO 2	1RC-V110S N-1 05503 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 0028 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 LOOP 3 HOT LEG OUTLET TO RCS RTD	VALVES PCKLESS GLO 2	1RC-V111S N-1 05519 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 0028 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 LOOP 1 COLD LEG TO RCS RTD BUTT WELD ENDS	VALVES PCKLESS GLO 2	1RC-V115S N-1 05498 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 0028 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 LOOP 2 COLD LEG TO RTD BUTE WELD ENDS	VALVES PCKLESS GLO 2	1RC-V116S N-1 05514 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 0028 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 3 COLD LEG OUTLET TO RCS RED	VALVES PCKLESS GLO 2	1RC-V117S N-1 05531 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 0028 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001 LOOP 1 COLD LEG TO RCS RTD BUTT WELD ENDS	VALVES PCKLESS GLO 2	1RC-V124S N-1 05499 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 0024 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 LOOP 2 COLD LEG TO RTD BUTT WELD ENDS	VALVES PCKLESS GLO 2	1RC-V125S N-1 05515 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 0024 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 LOOP 3 COLD LEG OUTLET TO RCS RTD	VALVES PCKLESS GLO 2	1RC-V126S N-1 05532 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 ???? M-69 ??????? ??????? ???????	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 LOOP 2 CROSSOVER LEG DRN TO WPSERCDT PMP B	VALVES PCKLESS GLO 2	1RC-V16SN -1 05510 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 002 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 2 CROSSOVER LEG DRN TO WPSERCDT PMP B	VALVES PCKLESS GLO 2	1RC-V17SN -1 05511 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 002 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 2 COLD LEG TO RTD BUTE WELD ENDS	VALVES PCKLESS GLO 2	1RC-V19SN -1 05513 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 0024 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 1RC-V124SN-1 ----1RC-V2SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O	I												
REACTOR COOLANT RC0001 LOOP 1 HOT LEG OUTLET TO RCS RTDE	VALVES PCKLESS GLO 2	1RC-V2SN-1 05486 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 002A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 3 HOT LEG OUTLET TO RCS RTDM	VALVES PCKLESS GLO 2	1RC-V22SN-1 05518 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 002A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 LOOP 3 CROSSOVER LEG TO WPS RCDE PUMP	VALVES PCKLESS GLO 2	1RC-V28SN-1 05528 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 002A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 3 CROSSOVER LEG TO WPS RCDE PUMP	VALVES PCKLESS GLO 2	1RC-V29SN-1 05529 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	5T2B 002A -69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 3 COLD LEG OUTLET TO RCS RED	VALVES PCKLESS GLO 2	1RC-V30SN-1 05530 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 002A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT E75501 LOOP 3 CROSSOVER LEG TO CVCS EX LETON	VALVES PCKLESS GLO 1	1RC-V31SN-1 05527 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 001A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 1RC-V2SN-1 ----1RC-V500SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001 LOOP 1 CROSSOVER LEG TO CVCS NORM LTDN	VALVES GATE 3	1RC-V500S N-1 05496 162148	WESTINGH'S E WESTINGH'S E MOD-03001G H99000020	CB21 PIPE MTD 236	NSSS 8085 S0220	ASME SECT III	A			2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3G88
REACTOR COOLANT RC0001 LOOP 1 CROSSOVER LEG INLET TO RES RTD	VALVES GATE 3	1RC-V501S N-1 05492 162148	WESTINGH'S E WESTINGH'S E MOD-03001G H99000020	CB21 PIPE MTD 236	NSSS 8074 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3G88 R
REACTOR COOLANT RC0001 LOOP 2 CROSSOVER LEG TO RTD E	VALVES GATE 3	1RC-V502S N-1 05508 162148	WESTINGH'S E WESTINGH'S E MOD-03001G H99000020	CB21 PIPE MTD 236	NSSS 8074 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3G88 R
REACTOR COOLANT RC0001 LOOP 3 CROSSOVER LEG INLET TO RES RTD	VALVES GATE 3	1RC-V503S N-1 05525 162148	WESTINGH'S E WESTINGH'S E MOD-03001G H99000020	CB21 PIPE MTD 236	NSSS 8074 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3G88 R
REACTOR COOLANT RC0001 PRESSURIZER POWER RELIEF VALVE ENLET	VALVES GATE 3	1RC-V526S N-1 05553 438441	WESTINGH'S E WESTINGH'S E MOD-03003 GM99FNH02G	CB41 PIPE MTD 286.	NSSS 8077 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		33 HZ	33 HZ	33 HZ	NA	W TAG NO. 3GM88FNH ACTIRE VALVE
REACTOR COOLANT RC0001 PRESSURIZER POWER RELIEF VALVE ENLET	VALVES GATE 3	1RC-V527S N-1 05551 438441	WESTINGH'S E WESTINGH'S E MOD-03003 GM99FNH02G	CB41 PIPE MTD 286.	NSSS 8077 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		33 HZ	33 HZ	33 HZ	NA	W TAG NO. 3GM88FNH ACTIRE VALVE

TAGS INCLUDED: 1RC-V500SN-1 ----1RC-V528SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RCOOO1 PRESSURIZER POWER RELIEF VALVE ENLET	VALVES GATE 3	1RC-V528S N-1 05549 438441	WESTINGH'S E WESTINGH'S E MOD-G3003 GM99FNH02G	CB41 PIPE MTD 286.	NSSS 8000 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3GM88FNH ACTIRE VALVE
REACTOR COOLANT RCOOO1 LOOP 1 CROSSOVER LEG INLET TO RES RTD	VALVES GATE 3	1RC-V540S N-1 05493 162148	WESTINGH'S E WESTINGH'S E MOD-G3001G H99CC002C	CB21 PIPE MTD 236	NSSS 8073 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3G88 R
REACTOR COOLANT RCOOO1 LOOP 2 CROSSOVER LEG TO RTD E	VALVES GATE 3	1RC-V541S N-1 05509 162148	WESTINGH'S E WESTINGH'S E MOD-G3100G1 GH99C0002C	CB21 PIPE MTD 236	NSSS 8072 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3G88 R
REACTOR COOLANT RCOOO1 LOOP 3 CROSSOVER LEG INLET TO RES RTD	VALVES GATE 3	1RC-V542S N-1 05526 162148	WESTINGH'S E WESTINGH'S E MOD-G3100G1 GH99C0002C	CB21 PIPE MTD 236	NSSS 8073 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3G88 R
REACTOR COOLANT RCOOO1 LOOP 1 CROSSOVER LEG OUTLET TO EPS RCDT PU	VALVES PCKLESS GLO 2	1RC-V7SN-1 05494 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 002 M-69 50-M69 I-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 LOOP 1 CROSSOVER LEG OUTLET TO EPS RCDT PU	VALVES PCKLESS GLO 2	1RC-V8SN-1 05495 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 002 M-69 50-M69 I-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 1RC-V528SN-1 ----1RC-V9SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001	VALVES	1RC-V9SN-1 05497	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 0024 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
LOOP 1 COLD LEG TO RCS RTD BUTE WELD ENDS	PCKLESS GLO 2	KSAR-M69	MANUFACTU 9909	236	50-M69 1-20	74ED SUM 76ADD														
REACTOR COOLANT RC0001 PRT TEST CONNECTION	VALVES DIAPHRAGM 1	2RC-D28SN-1 05572 0434 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	CB21 PIPE MTD 236.	435157 005S M-41 50-M41 1-20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 PRT TEST CONNECTION E	VALVES DIAPHRAGM 1	2RC-D29SN-1 05573 0434 REPORT121	ITT GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	CB21 PIPE MTD 236.	435157 005S M-41 50-M41 1-20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 ED ON LINE 2RC 1-180SN-1 E	VALVES DIAPHRAGM 1	2RC-D34SA-1 05627 0434 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	AB21 PIPE MTD 236.	435157 005S M-41 50-M41 1-20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 ED ON LINE 2RC 1-180SN-1 E	VALVES DIAPHRAGM 1	2RC-D35SA-1 05628 0434 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	AB21 PIPE MTD 236.	435157 005S M-41 50-M41 1-20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 RMW SUPPLY TO PRT E	VALVES DIAPHRAGM 3	2RC-D525S B-1 05554 191003	WESTINGH'S E ITT-GRINNELL FT831654	AB21 VLV MTD 236.	NSSS 8028 S0220	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO 3DA92R ACTIRE VLV

TAGS INCLUDED: 1RC-V9SN-1 ----2RC-D525SB-1
SORT TYPE:SYSDES,FQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REACTOR COOLANT RCOOO1	VALVES	2RC-D525S B-1 09209	WESTINGH'S E ASCO	AB21 VLV MTD	NSSS 8028 S0220	IEEE 344 -71	A	B		2.1G IN 3 DIR	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO 3DA92R ACTIRE VLV
E	SOLENOID VALVE	NSCE755	FT831654	236.																
REACTOR COOLANT RCOOO1	VALVES	2RC-D525S B-1 09210 RPT# 72AR2B	WESTINGH'S E NAMCO EA-170	AB21 VLV MTD 236.	NSSS 8028 S0220	IEEE 344 -71	A	B		2.1G IN 3 DIR	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO 3DA92R ACTIRE VLV
E	LIMIT SWITCH																			
REACTOR COOLANT RCOOO1	VALVES	2RC-D528S A-1 05570	WESTINGH'S E ITT-GRINNELL 1",150#,A	???? PIPE 236J.	NSSS 8047 S0220	ASME SECT III	A	D		2.1G IN 3 DIR	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO 1DA92R ACTI E VLV
N	DIAPHRAGM 1	191CC3																		
REACTOR COOLANT RCOOO1 PRT CONN LINE FOR SDT&N2 AT C/BNPENTR.	VALVES	2RC-D528S A-1 09211	WESTINGH'S E ASCO	CB21 VLV MTD	NSSS 8047 S0220	IEEE 344-71	A	D		2.1G IN 3 DIR.	X		S	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 1DA92R ACTI E VLV
	SOLENOID VALVE	NSCE755	LB831654	236.																
REACTOR COOLANT RCOOO1	VALVES	2RC-D528S A-1 09212	WESTINGH'S E NAMCO	CB21 PIPE	NSSS 8047 S0220	IEEE 344-71	A	D		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 1DA92R ACTI E VLV
N	LIMIT SWITCH	TEST #	1",150#,A	236.																
REACTOR COOLANT RCOOO1 PRT CONN LINE FOR SDT&N2 AT C/BEPENTR.	VALVES	2RC-D529S B-1 05571	WESTINGH'S E ITT-GRINNELL FT831654	AB21 VLV MTD 236.	NSSS 8033 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 1DA92R ACTIRE VLV
	DIAPHRAGM 1	191GC3																		

TAGS INCLUDED: 2RC-D525SB-1 ----2RC-D529SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001 E	VALVES SOLENOID VALVE	2RC-D529S B-1 09213 NSCE755	WESTINGH'S E ASCO FT831654	AB21 VLV MTD 236.	NSSS 8033 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1DA92R ACTIRE VLV
REACTOR COOLANT RC0001 E	VALVES LIMIT SWITCH	2RC-D529S B-1 09214 TEST #	WESTINGH'S E NAMCO EA-170	AB21 VLV MTD 236.	NSSS 8033 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 1DA92R ACTIRE VLV
REACTOR COOLANT RC0001 LOOP 1 HOT LEG TO PI 405 AND PT 403	VALVES PCKLESS GLO 3/4	2RC-V1SA-1 05485 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33	>33	NA	
REACTOR COOLANT RC0001 LOOP 2 HOT LEG OUTLET TO SS BUTE WELD ENDS	VALVES PCKLESS GLO 3/4	2RC-V10SN -1 05501 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 1 COLD LEG RTD VENT E	VALVES PCKLESS GLO 3/4	2RC-V100S N-1 05594 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 2 COLD LEG RTD VENT E	VALVES PCKLESS GLO 3/4	2RC-V101S N-1 05596 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RC-D529SB-1 ----2RC-V102SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
REACTOR COOLANT RCOOO1 LOOP 3 COLD LEG RTD VENT E	VALVES PCKLESS GLO 3/4	2RC-V102S N-1 05598 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 LOOP 1 COLD LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V103S N-1 05588 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 LOOP 2 COLD LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V104S N-1 05590 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 LOOP 3 COLD LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V105S N-1 05592 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 LOOP 1 HOT LEG RTD VENT E	VALVES PCKLESS GLO 3/4	2RC-V106S N-1 05576 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 LOOP 2 HOT LEG RTD VENT M	VALVES PCKLESS GLO 3/4	2RC-V107S N-1 05578 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2RC-V102SN-1 ----2RC-V108SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
REACTOR COOLANT RC0001 LOOP 3 HOT LEG RTD VENT N	VALVES PCKLESS GLO 3/4	2RC-V108S N-1 05580 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 LOOP 1 HOT LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V112S N-1 05582 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 2 HOT LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V113S N-1 05584 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 3 HOT LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V114S N-1 05586 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 1 RTD FLOW INST LINE E	VALVES PCKLESS GLO 3/4	2RC-V118S N-1 05603 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 2 RTD FLOW INST LINE E	VALVES PCKLESS GLO 3/4	2RC-V119S N-1 05604 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RC-V108SN-1 ----2RC-V12SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
REACTOR COOLANT RC0001 LOOP 2 CROSSOVER LEG TO FLOW TRAESMITTER 42	VALVES PCKLESS GLO 3/4	2RC-V12SN -1 05504 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 3 RTD FLOW INST LINE E	VALVES PCKLESS GLO 3/4	2RC-V120S N-1 056C5 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 1 RTD FLOW INST LINE E	VALVES PCKLESS GLO 3/4	2RC-V121S N-1 056C0 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 2 RTD FLOW INST LINE E	VALVES PCKLESS GLO 3/4	2RC-V122S N-1 056C1 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 3 RTD FLOW INST LINE E	VALVES PCKLESS GLO 3/4	2RC-V123S N-1 056C2 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 1 COLD LEG RTD VENT N	VALVES PCKLESS GLO 3/4	2RC-V128S N-1 05595 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REACTOR COOLANT RC0001 LOOP 2 COLD LEG RTD VENT E	VALVES PCKLESS GLO 3/4	2RC-V129SN-1 05597 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB2* PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 2 CROSSOVER LEG TO FLOW TRAESMITTER 42	VALVES PCKLESS GLO 3/4	2RC-V13SN-1 05505 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 3 COLD LEG RTD VENT E	VALVES PCKLESS GLO 3/4	2RC-V130SN-1 05599 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 1 COLD LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V131SN-1 05589 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 2 COLD LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V132SN-1 05591 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 3 COLD LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V133SN-1 05593 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RC-V129SN-1 ----2RC-V134SN-1
SORT TYPE:SYSDES,FQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REACTOR COOLANT RC0001 LOOP 1 HOT LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V134S N-1 05583 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 2 HOT LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V135S N-1 05585 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 3 HOT LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V136S N-1 05587 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 1 HOT LEG RTD VENT E	VALVES PCKLESS GLO 3/4	2RC-V137S N-1 05577 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 2 HOT LEG RTD VENT M	VALVES PCKLESS GLO 3/4	2RC-V138S N-1 05579 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 LOOP 3 HOT LEG RTD VENT N	VALVES PCKLESS GLO 3/4	2RC-V139S N-1 05581 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2RC-V134SN-1 ----2RC-V14SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQPT #	STDS	Q I												
REACTOR COOLANT RCOOO1 LOOP 2 CROSSOVER LEG TO FLOW TRAESMITTER 42	VALVES PCKLESS GLO 3/4	2RC-V14SN -1 05506 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 PW JACKET WATER MAKEUP TO D/G ENGINE 1B-	VALVES PCKLESS GLO 3/4	2RC-V144S N-1 05482 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	PIPE MTD	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RCOOO1 PW JACKET WATER MAKEUP TO D/G ENGINE 1B-	VALVES PCKLESS GLO 3/4	2RC-V145S N-1 05483 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	SPAR PIPE MTD	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	SPARE
REACTOR COOLANT RCOOO1 PW JACKET WATER MAKEUP TO D/G ENGINE 1B-	VALVES PCKLESS GLO 3/4	2RC-V146S N-1 05484 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	SPAR PIPE MTD	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	SPARE
REACTOR COOLANT RCOOO1 LOOP 2 CROSSOVER LEG FLOW TRANSEITTER RETU	VALVES PCKLESS GLO 3/4	2RC-V15SN -1 05507 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 DR ON LP 1 COLD LEG OUTLET TO RES PR SPRAY	VALVES PCKLESS GLO 3/4	2RC-V151S N-1 05606 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB41 PIPE MTD 286	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RC-V14SN-1 ----2RC-V152SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
REACTOR COOLANT RCOOO1 DR ON LP 1 COL D LEG OUTLET T O RES PR SPRAY	VALVES PCKLESS GLO 3/4	2RC-V152S N-1 05607 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB41 PIPE MTD 286	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 DR ON LP 2 COL D LEG OUTLET T O RES PR SPRAY	VALVES PCKLESS GLO 3/4	2RC-V153S N-1 05608 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB41 PIPE MTD 286	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 DR ON LP 2 COL D LEG OUTLET T O RES PR SPRAY	VALVES PCKLESS GLO 3/4	2RC-V154S N-1 05609 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB41 PIPE MTD 286	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 DRAIN ON STEAM GENERATOR 1A N	VALVES PCKLESS GLO 1/2	2RC-V158S N-1 05611 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 10080	CB21 PIPE MTD 236	435092 003 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RCOOO1 DRAIN ON STEAM GENERATOR 1A N	VALVES PCKLESS GLO 1/2	2RC-V159S N-1 05612 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 10080	CB21 PIPE MTD 236	435092 003 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RCOOO1 DRAIN ON STEAM GENERATOR 1B N	VALVES PCKLESS GLO 1/2	2RC-V160S N-1 05613 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 10080	CB21 PIPE MTD 236	435092 003 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RCOOO1 DRAIN ON STEAM GENERATOR 1B N	VALVES PCKLESS GLO 1/2	2RC-V161S N-1 05614 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 10080	CB21 PIPE MTD 236	435092 003 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RCOOO1 DRAIN ON STEAM GENERATOR 1C N	VALVES PCKLESS GLO 1/2	2RC-V162S N-1 05615 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 10080	CB21 PIPE MTD 236	435092 003 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RCOOO1 DRAIN ON STEAM GENERATOR 1C N	VALVES PCKLESS GLO 1/2	2RC-V163S N-1 05616 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 10080	CB21 PIPE MTD 235.	435092 003 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.56 HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RCOOO1 LOOP 1 CROSSOVER LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V164S N-1 05617 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 LOOP 2 CROSSOVER LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V165S N-1 05619 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 LOOP 3 CROSSOVER LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V166S N-1 05621 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RC-V161SN-1 ----2RC-V167SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001 LOOP 1 CROSSOVER LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V167SN-1 05618 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 2 CROSSOVER LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V168SN-1 05620 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 3 CROSSOVER LEG RTD DRAIN E	VALVES PCKLESS GLO 3/4	2RC-V169SN-1 05622 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 LOOP 2 CROSSOVER LEG DRN TO VALE1RC-V18-SN	VALVES PCKLESS GLO 3/4	2RC-V18SN-1 05512 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 HOT LEG CONNECTION TO PI 404	VALVES PCKLESS GLO 3/4	2RC-V21SB-1 05517 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB11 PIPE MTD 221	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 LOOP 3 HOT LEG OUTLET TO SS BUTE WELD ENDS	VALVES PCKLESS GLO 3/4	2RC-V23SN-1 05520 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RC-V167SN-1 ----2RC-V24SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA ORE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RCDCD1 LOOP 3 CROSSOVER LEG FLOW TR ANSEITTER RETU	VALVES PCKLESS GLO 3/4	2RC-V24SN -1 05524 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCDCD1 LOOP 3 CROSSOVER LEG CONNECT IONETO FLOW TR	VALVES PCKLESS GLO 3/4	2RC-V25SN -1 05521 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCDCD1 LOOP 3 CROSSOVER LEG CONNECT IONETO FLOW TR	VALVES PCKLESS GLO 3/4	2RC-V26SN -1 05522 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCDCD1 LOOP 3 CROSSOVER LEG CONNECT IONETO FLOW TR	VALVES PCKLESS GLO 3/4	2RC-V27SN -1 05523 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCDCD1 INLET TO PRESSURIZER CONDENSINGNPOT	VALVES PCKLESS GLO 3/4	2RC-V272S N-1 05561 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RCDCD1 INLET TO PRESSURIZER CONDEN SINN POT	VALVES PCKLESS GLO 3/4	2RC-V273S N-1 05557 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2RC-V24SN-1 ----2RC-V274SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RCOOO1 INLET TO PRESSURIZER CONDENSINN POT	VALVES PCKLESS GLO 3/4	2RC-V274S N-1 05556 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 024 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RCOOO1 BYPASS OF PRESSURIZER SPRAY CONEROL VALVE	VALVES PCKLESS GLO 3/4	2RC-V276S N-1 05537 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB41 PIPE MTD 286	435092 024 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 BYPASS OF PRESSURIZER SPRAY CONEROL VALVE	VALVES PCKLESS GLO 3/4	2RC-V277S N-1 05538 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB41 PIPE MTD 286	435092 024 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RCOOO1 REACTOR COOLANT BOUNDARY ISONATION VLV	VALVES SOLENOID OPERATED VLV	2RC-V280S B-1 09582 TR#2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORPR 79Q-G17	CB31 PIPE MTD 26?.	435243 028 M733A 50-M7 3A-20	ASME 344-7 5 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REP. 2653
REACTOR COOLANT RCOOO1 REACTOR VENT LINE	VALVES SOLENOID OPERATED VLV	2RC-V281S A-1 09581 TR# 2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 79Q-G17	CB31 PIPE MTD 26?.	435243 028 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
REACTOR COOLANT RCOOO1 REACTOR COOLANT BOUNDARY ISONATION VLV	VALVES SOLENOID OPERATED VLV	2RC-V282S B-1 09580 TR# 2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 79Q-017	CB31 PIPE MTD 26?.	435243 028 M73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPO T 3871

TAGS INCLUDED: 2RC-V274SN-1 ----2RC-V283SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SOPT #	STOS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REACTOR COOLANT RC0001 REACTOR VENT LINE	VALVES SOLENOID OPERATED VLV	2RC-V283S A-1 09579 TR# 2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 79Q-017	CB31 PIPE MTD 26ft.	435243 028 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
REACTOR COOLANT RC0001 REACTOR COOLANT BOUNDARY ISOLATION VLV	VALVES SOLENOID OPERATED VLV	2RC-V284S A-1 09578 TR#-2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 79Q-017	CB31 PIPE MTD 26ft.	435243 028 M73A 50-M73 A-20	ASME 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REP. 2653D
REACTOR COOLANT RC0001 REACTOR VENT LINE N	VALVES SOLENOID OPERATED VLV	2RC-V285S B-1 09577 TR#-2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 79Q-017	CB31 PIPE MTD 26ft.	435243 028 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPO T 3871
REACTOR COOLANT RC0001 REACTOR VENT LINE N	VALVES PCKLESS GLO 1	2RC-V286S N-1 06787 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB31 PIPE MTD 261	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1 G VER	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 DRAIN ON LINE 2RC1-289SN N	VALVES PCKLESS GLO 1	2RC-V287S N-1 06788 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB31 PIPE MTD 261	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1 G VER	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 VENT ON LINE 2 RC-289SN N	VALVES PCKLESS GLO 1	2RC-V288S N-1 06789 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB31 PIPE MTD 261	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1 G VER	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2RC-V283SA-1 ----2RC-V289SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
REACTOR COOLANT RC0001	VALVES	2RC-V289S N-1 06786	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 005 M-69	ASME SECT III	A	D	1.5G HOR 1 G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR VENT LINE N	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	261	50-M69 -20	74ED SUM 76ADD			VER	VERT										
REACTOR COOLANT RC0001 HOT LEG (LOOP 1) CONN. N	VALVES PCKLESS GLO 3/4	2RC-V296S N-1 11359	WESTINGH'S E ROCKWELL FIG. 15104T2	CB21 PIPE MTD 236.	NSSS 8016 S0220	ASME SECT III	A	D		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4T78
REACTOR COOLANT RC0001 HOT LEG (LOOP 3)CONN N	VALVES PCKLESS GLO 3/4	2RC-V297S N-1 11360	WESTINGH'S E ROCKWELL FIG. 15104T2	CB21 PIPE MTD 236.	NSSS 8016 S0220	ASME SECT III	A	D		2.1G IN 3 DIR	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4 T 78
REACTOR COOLANT RC0001 SEAL TABLE CONN.	VALVES PCKLESS GLO 3/4	2RC-V298S N-1 11361	WESTINGH'S E ROCKWELL FIG. 15104T2	CB21 PIPE MTD 236.	NSSS 8016 S0220	ASME SECT III	A			2.1G IN 3 DIR	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4 T 78
REACTOR COOLANT RC0001 VESSEL HEAD CONN.	VALVES PCKLESS GLO 3/4	2RC-V299S N-1 11752	WESTINGH'S E WESTINGH'S E 15104T2	CB PIPE MTD 0.	NSSS 8016 S0220	ASME SECT III	A			2.1G IN 3 DIR	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4 T 78
REACTOR COOLANT RC0001 LOOP 1 CROSSOVER LEG TO FLOW TRAESMITTER 41	VALVES PCKLESS GLO 3/4	2RC-V3SN-1 05488 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RC-V289SN-1 ----2RC-V32SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
REACTOR COOLANT RC0001	VALVES	2RC-V32SN -1 05533	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 1013 M-69	ASME SECT III	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	PCKLESS GLO 3/8	KSAR-0457 9-PST	MANUFACTU 3PSW	236.	50-M69 -20	74ED SUM 76ADD													
REACTOR COOLANT RC0001 REACTOR HEAD GASKET MONITORING CONNECTION	VALVES	2RC-V33SN -1 05535	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
	PCKLESS GLO 3/4	KSAR-M69	MANUFACTU 9954	236	50-M69 -20	74ED SUM 76ADD													
REACTOR COOLANT RC0001 REACTOR HEAD GASKET MONITORING CONNECTION	VALVES	2RC-V34SN -1 05536	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
	PCKLESS GLO 3/4	KSAR-M69	MANUFACTU 9954	236	50-M69 -20	74ED SUM 76ADD													
REACTOR COOLANT RC0001 LOOP 1 CROSSOVER LEG TO FLOW TRAESMITTER 41	VALVES	2RC-V4SN- 1 05489	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
	PCKLESS GLO 3/4	KSAR-M69	MANUFACTU 9954	236	50-M69 -20	74ED SUM 76ADD													
REACTOR COOLANT RC0001 LOOP 1 CROSSOVER LEG TO FLOW TRAESMITTER 41	VALVES	2RC-V5SN- 1 05490	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
	PCKLESS GLO 3/4	KSAR-M69	MANUFACTU 9954	236	50-M69 -20	74ED SUM 76ADD													
REACTOR COOLANT RC0001 DELETE N	VALVES	2RC-V504S N-1 05534	WESTINGH'S E COPES VULGAN INC	CB21 PIPE MTD	NSSS 8032 S0220	ASME SECT III	A D		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/8TA78DL
	GLOBE 3/8	183642	3/8",1500# ,A	236.															

TAGS INCLUDED: 2RC-V32SN-1 ----2RC-V525SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1322
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001	VALVES	2RC-V525SB-1 05555	WESTINGH'S E WESTINGH'S	CB21 PIPE MTD	NSSS 8046 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3C72 ACTIRE VLV
RMW SUPPLY TO PRT E	CHECK 3	162148	E MOD-C3000 CC720D000	236																
REACTOR COOLANT RC0001 LOOP 1 CROSSOVER LEG FROM FLOW ERANSMITTER	VALVES PCKLESS GLO 3/4	2RC-V6SN-1 05491 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 PRESSURIZER SAFETY RELIEF VALVEELOOP SEAL	VALVES PCKLESS GLO 3/4	2RC-V70SN-1 05542 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB41 PIPE MTD 286	435092 004 M-69 50-M69 -20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1G VERT	3.0G HOR 2G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 PRESSURIZER SAFETY RELIEF VALVEELOOP SEAL	VALVES PCKLESS GLO 3/4	2RC-V71SN-1 05543 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB41 PIPE MTD 286	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 PRESSURIZER SAFETY RELIEF VALVEELOOP SEAL	VALVES PCKLESS GLO 3/4	2RC-V72SN-1 05544 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB41 PIPE MTD 286	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 PRESSURIZER DISCH TO SS + VT BUTT WELD ENDS	VALVES PCKLESS GLO 3/4	2RC-V73SN-1 05545 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB41 PIPE MTD 286	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2RC-V525SB-1 ----2RC-V74SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001 PRESSURIZER DI SCH TO SS + VT BUTM WELD ENDS	VALVES PCKLESS GLO 3/4	2RC-V74SN -1 05546 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB41 PIPE MTD 286	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 PRESSURIZER DI SCH TO SS + VT BUTN WELD ENDS	VALVES PCKLESS GLO 3/4	2RC-V76SN -1 05547 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB41 PIPE MTD 286	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 PRESSURIZER LI QUID LEVEL LOW ER MEG CONNECT	VALVES PCKLESS GLO 3/4	2RC-V79SN -1 05562 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 PRESSURIZER LI NE TO SS BUTM WELD ENDS	VALVES PCKLESS GLO 3/4	2RC-V80SN -1 05560 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB31 PIPE MTD 261	435092 004A M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33	NA	
REACTOR COOLANT RC0001 PRESSURIZER LI QUID LEVEL LOW ER MEG CONNECT	VALVES PCKLESS GLO 3/4	2RC-V81SN -1 05559 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR COOLANT RC0001 PRESSURIZER LI QUID LEVEL LOW ER NONNECTION	VALVES PCKLESS GLO 3/4	2RC-V82SN -1 05558 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STOS	Q	I												
REACTOR COOLANT RC0001	VALVES	3RC-D24SN -1 05565	ITT-GRINNEL ITT-	AB21 PIPE MTD	435157 015 M-41	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
WPS N2 SUPPLY TO PRT E	DIAPHRAGM 3/4	REPORT121	GRINNEL 150-HWO-DIA	236.	50-M41 -20	SUB NC&ND 77ED			VERT	VERT										
REACTOR COOLANT RC0001	VALVES	3RC-D25SN -1 05568	ITT-GRINNEL ITT-	AB21 PIPE MTD	435157 015 M-41	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
WPS GDT LINE TO PRT E	DIAPHRAGM 1	REPORT121	GRINNEL SC2/3-150-HWO-DIA	236.	50-M41	SUB NC&ND 77ED			VERT	VERT										
REACTOR COOLANT RC0001	VALVES	3RC-D30SN -1 05574	ITT-GRINNEL ITT-	AB21 PIPE MTD	435157 015 M-41	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
PRT TEST VENT E	DIAPHRAGM 1	REPORT121	GRINNEL SC2/3-150-HWO-DIA	236.	50-M41 -20	SUB NC&ND 77ED			VERT	VERT										
REACTOR COOLANT RC0001	VALVES	3RC-D31SN -1 05575	ITT-GRINNEL ITT-	AB21 PIPE MTD	435157 015 M-41	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
PRT TEST VENT E	DIAPHRAGM 1	REPORT121	GRINNEL SC2/3-150-HWO-DIA	236.	50-M41 -20	SUB NC&ND 77ED			VERT	VERT										
REACTOR COOLANT RC0001	VALVES	3RC-D36SN -1 05625	ITT-GRINNEL ITT-	AB21 PIPE MTD	435157 015 M-41	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ED ON LINE 3RC 1-179SN-1 E	DIAPHRAGM 1	REPORT121	GRINNEL SC2/3-150-HWO-DIA	236.	50-M41 -20	SUB NC&ND 77ED			VERT	VERT										
REACTOR COOLANT RC0001	VALVES	3RC-D37SN -1 05626	ITT-GRINNEL ITT-	AB21 PIPE MTD	435157 015 M-41	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
ED ON LINE 3RC 1-179SN-1 E	DIAPHRAGM 1	REPORT121	GRINNEL SC2/3-150-HWO-DIA	236.	50-M41 -20	SUB NC&ND 77ED			VERT	VERT										

TAGS INCLUDED: 3RC-D24SN-1 ----3RC-D38SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1325
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SQRT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
REACTOR COOLANT RC0001 ED ON LINE 3RC 1-179SN-1 E	VALVES DIAPHRAG M 1	3RC-D38SN -1 05623 REPORT121	ITT- GRINNEL ITT- GRINNEL SC2/3-150- HWO-DIA	AB21 PIPE MTD 236.	435157 015 M-41 50-941 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 ED ON LINE 3RC 1-179SN-1 E	VALVES DIAPHRAG M 1	3RC-D39SN -1 05624 REPORT121	ITT- GRINNEL ITT- GRINNEL SC2/3-150- HWO-DIA	AB21 PIPE MTD 236.	435157 015 M-41 50-941 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 WPS GDT LINE T O PRT E	VALVES DIAPHRAG M 1	3RC-D40SN -1 05569 REPORT121	ITT- GRINNEL ITT- GRINNEL SC2/3-150- HWO-DIA	AB21 PIPE MTD 236.	435157 015 M-41 50-941 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 WPS N2 SUPPLY TO PRT M	VALVES PRESS CONTROL 3/4	3RC-P530S N-1 05563 178271	WESTINGH'S E FISHER CONTROLS TYPE667-EC	AB21 PIPE MTD 236.	NSSS 8034 S0220	ASME SECT III	A	C		2.1G IN 3 DIR	X	X	D	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 2RA42RD
REACTOR COOLANT RC0001 WPS N2 SUPPLY TO PRT E	VALVES CHECK 3/4	3RC-V83SN -1 05564 SA-493665	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.31674F 316T3	AB21 PIPE MTD 236.	435057 007 M-368 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR COOLANT RC0001 WPS N2 LINE TO PRT WPS GDT L INEE	VALVES CHECK 1	3RC-V84SN -1 05566 SA-479291	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG3674 F316T3	AB21 PIPE MTD 236.	435057 008 M-368 50-M34 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3RC-D38SN-1 ----3RC-V85SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- D 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR COOLANT RC0001	VALVES	3RC-V85SN -1 05610	KEROTEST MFTR KEROTEST	AB21 PIPE MTD	435092 013 M-69	ASME SECT III	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
PRT LOCAL GAS SMPLE LINE M	PCKLESS GLO 3/8	KSAR-C457 7-PST	MANUFACTU 3PSW	236.	50-4691 -20	74ED SUM 76ADD														
REACTOR COOLANT RC0001	VALVES	3RC-V86SN -1 05567	KEROTEST MFTR KEROTEST	AB21 PIPE MTD	435092 013 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
PRT LOCAL GAS SAMPLE LINE E	PCKLESS GLO 3/8	KSAR-C457 9-PST	MANUFACTU 3PSW	236.	50-4691 -20	74ED SUM 76ADD														

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REACTOR MAKE UP WATER PM0082	INDICATORS	LI 1PM 89 01A SA 02C19	WESTINGH'SE W RID	AB52 MCB-1A2	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37, 60,88, 191, 212	LI8901A R
RMW STORAGE TK LVL E	LEVEL DIRECT INDICATOR	ESE-14	VX-252	305.																
REACTOR MAKE UP WATER PM0082	INDICATORS	LI 1PM 89 01B SB 02D20	WESTINGH'SE W RID	AB52 MCB-1A2	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37, 60,88, 191, 212	LI8901B R
RMW STORAGE TK LVL E	LEVEL DIRECT INDICATOR	ESE-14	VX-252	305.																

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1328
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
REACTOR MAKE UP WATER PMU082	PRIMARY ELEMENT	TE 1PM 89 C1 S 02023	WEED	TA11 TANK MTD	435150 218 1N04	IEEE 344-75	A		F/B 1.5 S/S	F/B 3 S/S	YES	N/A	D	MF	MD	N/A	MIN 82 HZ	MIN 82 HZ	N/A	
REACT MAK-UP WTR STOR TK	TEMPERATURE PRIMARY ELEM	548-8854-2	INSTRUMEN E48250G-(L)AS	261.	1N04-29				1.5 VERT 1	3 VERT 2							MAX 203 HZ	MAX 203 HZ		

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E)
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
REACTOR MAKE UP WATER PM0082	SENSORS	PT 1PM 89 10 S 02G27	ROSEMOUNT	TA11 LCL	435102 208 IN01	IEEE 344-75	A	B	F/B 0.30 S/S	F/B 0.45 S/S	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	RAB 116,27 210,16	RESPONSE SPECTRUM FOR DBE,
REACT MAK-UP W TR PMPS LO D ISC PRES	PRESSURE TRANSMI TTER	108025RB 108026RA	1153G87	240.	IN01- 20				0.30 VERT 0.30	0.45 VERT 0.45									0,72, 262R1	OBE RESP ECT

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E)
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
REACTOR MAKE UP WATER PM0082	SPECIALTIES	3PM-U1SN-1 U5402	VICKERS-SIMMS VICKERS-	TA11 PIPE MTD	435234 008 M-09V	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED AS PART OF PIPING SYSTEM
RECIRC. LINE FROM RMW PUMP TO TK	RESTR ORFIC 1	SQ-N1195	SIMMS MK-52	236.	50-M09 V-20	74ED WINTR 76ADD			VERT	VERT										
REACTOR MAKE UP WATER PM0082	SPECIALTIES	3PM-U2SN-1 U5400	VICKERS-SIMMS VICKERS-	TA11 PIPE MTD	435234 008 M-09V	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED AS PART OF PIPING SYSTEM
RECIRC. LINE FROM RMW PUMP TO TANK	RESTR ORFIC 1	SQ-N1195	SIMMS MK-52	236.	50-M09 V-20	74ED WINTR 76ADD			VERT	VERT										

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1331
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/ITM SPEC SQRT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
REACTOR MAKE UP WATER PM0082	VALVE OPERATORS	LT 1PM 89 01A SA 02022	ROSEMOUNT	TA11 A21R 17	435102 69 IN01	TEEE 344-75	A	B	F/B 0.30 S/S	F/B 0.45 S/S	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	RAB 116,27 210,16	RESPONSE SPECTRUM FOR DBE,
REACT MAKEUP WTR STORAGE TANK LEVEL	LEVEL TRANSMITTER	108025RB 108026RA	1153DB5	236.	IN01-20	323-74			0.30 VERT 0.30	0.45 VERT 0.45									0,72, 262R1	OBE RESPECT
REACTOR MAKE UP WATER PM0082	VALVE OPERATORS	LT 1PM 89 01B SB 02021	ROSEMOUNT	TA11 A21R 15	435102 70 IN01	TEEE 344-75	A	B	F/B 0.30 S/S	F/B 0.45 S/S	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	RAB 116,27 210,16	RESPONSE SPECTRUM FOR DBE,
REACT MAKEUP WTR STORAGE TANK LEVEL	LEVEL TRANSMITTER	108025RB 108026RA	1153DB5	236.	IN01-20	323-74			0.30 VERT 0.30	0.45 VERT 0.45									0,72, 262R1	OBE RESPECT

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SQRT #															
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUP PLY TO REACTOR COOEANT FILT.	VALVES	2PM-G5SN-1 05421	ATWOOD & MORRILLCO ATWOOD & MORRILLCO FIG-0396	AB31 PIPE MTD 270.	435141 009 M-45 50-M45 -20	ASME SECT III 77ED SUMM 77ADD	A	B	1.5G HOR 1 G VERT	3G HOR 2 G VERT	X		N	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUP PLY TO SEAL WTRERETURN FIL	VALVES PLUG 3/4	2PM-G6SN-1 05423 302-18070 -00	ATWOOD & MORRILLCO ATWOOD & MORRILLCO FIG-0396	AB31 PIPE MTD 270.	435141 009 M-45 50-M45 -20	ASME SECT III 77ED SUMM 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		N	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUP PLY TO REACTOR COOEANT FILT.	VALVES CHECK 3/4	2PM-V170S N-1 05422 SA-493663	POCKWELLL INTERNATI ROCKWELL INTERNATI FIG.3678F3 16T3	AB31 PIPE MTD 261.	435057 0034 M-36R 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUP PLY TO SEAL WTRERETURN FIL	VALVES CHECK 3/4	2PM-V171S N-1 05424 SA-493663	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3678F3 16T2	AB31 PIPE MTD 261.	435057 0034 M-36R 50-M34 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUP PLY TO SEAL WTRMINJECTION	VALVES PCKLESS GLO 3/4	2PM-V172S N-1 05425 KSAR-0558 0-PSY-M	KEROTEST MFTR KEROTEST MFTR SM	AB31 VLV MTD 270.	435092 017 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUP PLY TO SEAL WTREINJECTION	VALVES MOTOR OPERATOR	2PM-V172S N-1 10730 BC058/37	KEROTEST MFTR LIMITORQUE SM	AB31 VLV MTD 270.	435092 017 M-69 50-M69 -20	IEEE 344-74	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	S	S	>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2PM-G5SN-1 ----2PM-V173SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUP PLY TO SEAL WTREINJECTION	VALVES CHECK 3/4	2PM-V173S N-1 05426 SA-493662	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3678F3 16T	AB31 PIPE MTD 261.	435057 0034 M-36R 50-M34 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUP PLY TO SEAL WTREINJECTION	VALVES PCKLESS GLO 3/4	2PM-V176S N-1 05427 KSAR-055 80-PSY-M	KEROTEST MFTR KEROTEST MFTR SMB-000-5	AB31 VLV MTD 270.	435092 017 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUP PLY TO SEAL WTRMINJECTION	VALVES MOTOR OPERATOR	2PM-V176S N-1 10731 B0058/37	KEROTEST MFTR LIMITORQUE SMB-000-5	AB31 VLV MTD 270.	435092 017 M-69 50-M69 -20	IEEE 344-74	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUP PLY TO SEAL WTR INJECTION	VALVES CHECK 3/4	2PM-V177S N-1 05428 SA-493662	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3678F3 16T	FH31 PIPE MTD 261.	435057 0034 M-36R 50-M34 R-20	ASME SECT III 71ED SUM 73ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUP PLY TO BORIC ACIE FILTER	VALVES PLUG 3/4	3PM-G1SN-1 05417 302-18070 -00	ATWOOD & MORRILL CO ATWOOD & MORRILL CO FIG-0396	AB31 PIPE MTD 270.	435141 008 M-45 50-M45 -20	ASME SECT III 77ED SUMMR 77ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		N	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUP PLY TO RCYC EVAE FEED FILT	VALVES PLUG 3/4	3PM-G2SN-1&2 05419 302-18070 -00	ATWOOD & MORRILL CO ATWOOD & MORRILL CO FIG-0396	AB31 PIPE MTD 270.	435141 008 M-45 50-M45 -20	ASME SECT III 77ED SUMM 77ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2PM-V173SN-1 ----3PM-G7SN-1&2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUPPLY TO RCYC EVAN FEED FILT	VALVES PLUG 3/4	3PM-G7SN-1&2 05429 3D2-18070-00	ATWOOD & MORRILL CO ATWOOD & MORRILL CO FIG-0396	AB31 PIPE MTD 261.	435141 008 M-45 50-M45 -20	ASME SECT III 77ED SUMM 77ADD	A	D	1.5G HOR 1G VERT	3 G HOR 2G VERT	X		NA	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 PM FROM RMW STORAGE TANK 1X-SN TO RMW PUMP	VALVES GATE 4	3PM-V1SN-1 05380 SOE5794	ANCHOR DARLING V ANCHOR DARLING V 4",150#,H	TA11 PIPE MTD 261.	435013 014 M-37A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 REACTOR AUX BLDG PM SUPPLY HEADER	VALVES GATE 4	3PM-V108S N-1 05404 SOE5796	ANCHOR DARLING V ANCHOR DARLING V 4",150#,P	AB31 PIPE MTD 263.	435013 031 M-37A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 FROM UNIT 1 RMW PUMP HEADER TO ENIT 2 RMW	VALVES GATE 4	3PM-V109S N-1&2 05395 SOE5794	ANCHOR DARLING V ANCHOR DARLING V 150#,SS,H	AB5 PIPE MTD 236.	435013 014 M-37A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUPPLY TO BORIC ACIE FILTER	VALVES CHECK 3/4	3PM-V110S N-1 05418 SA-493663	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3678F3 16T3	AB31 PIPE MTD 261.	435057 007A M-36B 50-M36 B-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 WPS PM WTR SUPPLY TO RCYC EVAE FEED FILT	VALVES CHECK 3/4	3PM-V111S N-1&2 05420 SA-493663	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3678F3 16T3	AB31 PIPE MTD 261.	435057 007A M-36B 50-M36 B-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
REACTOR MAKE UP WATER PM0082 RECIRC. LINE F ROM RMW PUMP TO TK	VALVES GLOBE 1	3PM-V120S N-1 054C3 952677-02	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 236.	435056 011 M-36Y 50-436 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 RECIRC. LINE F ROM RMW PUMP TO TANK	VALVES GLOBE 1	3PM-V121S N-1 05401 952677-02	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 236.	435056 011 M-36Y 50-436 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 DRAIN FROM RMW PUMP 1B-SN TO ED	VALVES GLOBE 3/4	3PM-V152S N-1 054C9 952677-01	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 236.	435056 014 M-36Y 50-436 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 DRAIN FROM RMW PUMP 1B-SN TO ED	VALVES GLOBE 3/4	3PM-V153S N-1 05410 952677-01	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 236.	435056 014 M-36Y 50-436 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 DRAIN FROM RMW PUMP 1A-SN TO ED	VALVES GLOBE 3/4	3PM-V154S N-1 11327 952677-01	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 236.	435056 014 M-36Y 50-436 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 DRAIN FROM RMW PUMP 1A-SN TO ED	VALVES GLOBE 3/4	3PM-V155S N-1 05412 952677-01	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 236.	435056 014 M-36Y 50-436 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3PM-V120SN-1 ----3PM-V156SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1336
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SOPT #	STDS	Q	I												
REACTOR MAKE UP WATER PM0082	VALVES	3PM-V156S N-1 05413	YARWAY YARWAY	TA11 PIPE MTD	435056 011 M-36Y	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
DRAIN LINE ON RMW PUMP 1A-SN DISCH	GLOBE 1	952677-02	5515B-F316	236.	50-M36 Y-20	74ED WINTR 76ADD			VERT	VERT										
REACTOR MAKE UP WATER PM0082	VALVES	3PM-V157S N-1 05414	YARWAY YARWAY	TA11 PIPE MTD	435056 011 M-36Y	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
DRAIN LINE ON RMW PUMP 1A-SN DISCH	GLOBE 1	952677-02	5515B-F316	236.	50-M36 Y-20	74ED WINTR 76ADD			VERT	VERT										
REACTOR MAKE UP WATER PM0082	VALVES	3PM-V158S N-1 05415	YARWAY YARWAY	TA11 PIPE MTD	435056 011 M-36Y	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
DRAIN LINE ON RMW PUMP 1B-SN DISCH	GLOBE 1	952677-02	5515B-F316	236.	50-M36 Y-20	74ED WINTR 76ADD			VERT	VERT										
REACTOR MAKE UP WATER PM0082	VALVES	3PM-V159S N-1 05416	YARWAY YARWAY	TA11 PIPE MTD	435056 011 M-36Y	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
DRAIN LINE ON RMW PUMP 1B-SN DISCH	GLOBE 1	952677-02	5515B-F316	236.	50-M36 Y-20	74ED WINTR 76ADD			VERT	VERT										
REACTOR MAKE UP WATER PM0082	VALVES	3PM-V17SN -1 05388	YARWAY YARWAY	TA11 PIPE MTD	435056 011 M-36Y	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
PT CONN ON LINE 3PM4-48SN	GLOBE 1	952677-02	5515B-F316	236.	50-M36 Y-20	74ED WINTR 76ADD			VERT	VERT										
REACTOR MAKE UP WATER PM0082	VALVES	3PM-V180S N-182 05430	ROCKWELL INTERNATI ROCKWELL	AB33 PIPE MTD	435057 0074 M-36P	ASME SECT III	A	D	1.5G HOR 1 G	3 G HOR 2 G	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
WPS PM WTR SUPPLY TO RCYC EVAN FEED FILT	CHECK 3/4	SA-493663	INTERNATI FIG.3678F3 16T3	261.	50-M45 R-20	71ED SUM 73ADD			VERT	VERT										

TAGS INCLUDED: 3PM-V156SN-1 ----3PM-V190SN-182
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA ORE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #															
REACTOR MAKE UP WATER PM0082 EQUIP DRN ON 3 PM4-48SN COMEON TO UNIT	VALVES GLOBE 1	3PM-V190S N-182 11328 952677-02	YARWAY YARWAY 5515B-F316	AB21 PIPE MTD 236.	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 EQUIP DRN ON 3 PM4-48SN COMEON TO UNIT	VALVES GLOBE 1	3PM-V191S N-182 05432 952677-02	YARWAY 5515B-F316	AB21 PIPE MTD 235.	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 RMW PUMP 1A-SN SUCT	VALVES GATE 4	3PM-V2SN-1 05382 SOE5794	ANCHOR DARLING V ANCHOR DARLING V 150#,SS,H	TK1 PIPE MTD 235.	435013 014 M-37A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 RMW STORAGE TANK 1X-SN DRAIN	VALVES GATE 3	3PM-V26SN-1 05389 SOE5796	ANCHOR DARLING V ANCHOR DARLING V 3"150#,H	TK1 PIPE MTD 261.	435013 012 M-37A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 REACTOR MAKEUP WATER PUMP 1B -SN SUCTION	VALVES GATE 4	3PM-V3SN-1 05406 SOE5794	ANCHOR DARLING V ANCHOR DARLING V 150#,SS,H	TK1 PIPE MTD 236.	435013 014 M-37A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 PI CONNEC AT RMW PUMP 1A-SN DISCH	VALVES GLOBE 1	3PM-V38SN-1 05391 952677-02	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 236.	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3PM-V190SN-182 ----3PM-V39SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
REACTOR MAKE UP WATER PM0082 PI CONNEC AT R MW PUMP 1B-SN DISCH	VALVES GLOBE 1	3PM-V39SN -1 05394 952677-02	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 236.	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 RMW PUMP 1A-SN DISCH	VALVES GATE 3	3PM-V4SN- 1 05383 SOE5796	ANCHOR DARLING V ANCHOR DARLING V 3"150#,H	TK1 PIPE MTD 236.	435013 012 M-32A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 PX CONNEC AT R MW PUMP 1A-SN SUCE	VALVES GLOBE 1	3PM-V40SN -1 05392 952677-02	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 236	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
REACTOR MAKE UP WATER PM0082 PRESS TEST CON ECTION ON REAC TOR MAKE-UP WA	VALVES GLOBE 1	3PM-V41SN -1 05407 952677-02	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 236.	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 PX CONNEC AT R MW PUMP 1B-SN SUCT	VALVES GLOBE 1	3PM-V42SN -1. 05393 952677-02	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 236	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 PRESS TEST CON ECTION ON REAC TOR MAKE-UP WA	VALVES GLOBE 1	3PM-V43SN -1 05408 952677-02	YARWAY YARWAY 5515B-316	TA11 PIPE MTD 236.	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3PM-V39SN-1 ----3PM-V47SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
REACTOR MAKE UP WATER PM0082 RMW STORAGE TANK 1X-SN DRAIN	VALVES GATE 3	3PM-V47SN -1 05390 S0E5796	ANCHOR DARLING V ANCHOR DARLING V 3"150#,H	TK1 PIPE MTD 261.	435013 012 M-37A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 RMW PUMP 1B-SN DISCH	VALVES GATE 3	3PM-V5SN- 1 05385 S0E5796	ANCHOR DARLING V ANCHOR DARLING V 3",150,H	TR1 PIPE MTD 236.	435013 012 M-37A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 RMW PUMP 1A-SN DISCH	VALVES CHECK 3	3PM-V6SN- 1 05384 S0E9074	ANCHOR DARLING V ANCHOR DARLING V 3",150#	TK1 PIPE MTD 235.	435013 064 M-37A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 LEVEL TRANS. ON RMWS TANK	VALVES GLOBE 1	3PM-V68SN -1 05396 952677-02	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 261.	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 RMW PUMP 1B-SN DISCH	VALVES CHECK 3	3PM-V7SN- 1 05386 S0E9074	ANCHOR DARLING V ANCHOR DARLING V 3",150#	TK1 PIPE MTD 236.	435013 064 M-37A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
REACTOR MAKE UP WATER PM0082 LEVEL TRANS. ON RMWS TANK	VALVES GLOBE 1	3PM-V75SN -1 05397 952677-02	YARWAY YARWAY 5515B-F316	TA11 PIPE MTD 261.	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3PM-V47SN-1 ----3PM-V78SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1340
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SOPT #	QUAL CODES / STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	LOAD INPUT ZPA SSE	LOAD INPUT SEI-SMIC	LOAD INPUT OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	QUALIFICATION METHOD TEST FREQ	QUALIFICATION METHOD TEST DIR	LOWEST NATURAL FREQUENCY F/B	LOWEST NATURAL FREQUENCY S/S	LOWEST NATURAL FREQUENCY V	FLOOR RESP. SPECTR	REMARKS
REACTOR MAKE UP WATER PM0082	VALVES	3PM-V78SN -1 05398	ANCHOR DARLING V ANCHOR DARLING V	TK1 PIPE MTD	435013 059 M-37A 50-M37	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
COMPONENT COOLING WATER PUMP SUCTION FROM R	GLOBE 3	SOE9074	3",150#,H	236.	A-20															
REACTOR MAKE UP WATER PM0082	VALVES	3PM-V79SN -1 05399	ANCHOR DARLING V ANCHOR DARLING V	TK1 PIPE MTD	435013 071 M-37A 50-M37	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
COMPONENT COOLING WATER PUMP SUCEION FROM R	CHECK 3	SOE9074	3",150#	236.	A-20															
REACTOR MAKE UP WATER PM0082	VALVES	3PM-V9SN-1 05387	ANCHOR DARLING V ANCHOR DARLING V	AB21 PIPE MTD	435013 031 M-37A 50-M37	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
RMW PUMPS UNIT I DISCH HDR E	GATE 4	SOE5796	4",150#,P	236.	A-20															

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1341
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
RESIDUAL HEAT REMOVAL RH0003	CONTROL DEVICES	FIS 1RH06 02A SA 00703	WESTINGH'S E ITT-	AB11 A1R31 ESF-A	435002 A-02	IEEE-344-75		C											RAB-39,80 128,	FIS602A
RESID HT REM P MP 1AFLOW	FLOW SWI TCH	ITT-BART R3-288A-1	BARTON 288A	216.															168, 316, 341	
RESIDUAL HEAT REMOVAL RH0003	CONTROL DEVICES	FIS 1RH06 02B SB 00704	WESTINGH'S E ITT-	AB11 A1R32 ESF-B	435002 A-02	IEEE-344-75		C											RAB-39,80 128,	FIS602B
RESID HT REM P MP 1BFLOW	FLOW SWI TCH	ITT-BART R3-288A-1	BARTON 288A	216.															168, 392, 341	

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
RESIDUAL HEAT REMOVAL RH0003	HEAT EX-CHANGERS	1A-SA, 1B-SB 11731	WESTINGHOUSE JOSEPH OAT	FLOOR MTD	NSSS SQ210	ASME SECT III	A		N-S .21G E-W .20G VERT .40G	N-S .35G E-W .33G VERT .71G	X		D	NA		<33 HZ	<33 HZ	>33 HZ	EL.261 VPT.10 HPT.4	
RHR HEAT EXCHANGER	(QTY-2)	179473	RS-628																	

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #		Q	I												
RESIDUAL HEAT REMOVAL RH0003 RHR WTR FROM RESID HT EX 1	INDICATORS TEMPERATURE DIRECT INDIC	TI 1RH 55 51A S 01116 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 PIPE MTD 236.	435125 19 IN08- 20	IEEE 344-75	B		HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
RESIDUAL HEAT REMOVAL RH0003 RHR WTR FROM RESID HT EX 2	INDICATORS TEMPERATURE DIRECT INDIC	TI 1RH 55 51B S 01115 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 PIPE MTD 236.	435125 19 IN08- 20	IEEE 344-75	B	D	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #															
RESIDUAL HEAT REMOVAL RH0003 RHR PUMP 1A-SA MTR WINDING NEMP (TC)	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RH 03 36A1 SA 02477 AE2	WESTINGH'SE W LMD	AB01 PMP MTD 190.	435002 < A-02	IEEE 323-74,344 -75	A	D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1-88,182 282, 51,139 241	NO W CO TAG NO.
RESIDUAL HEAT REMOVAL RH0003 RHR PUMP 1A-SA MTR WINDING NEMP (TC)	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RH 03 36A2 SA 02478 AE2	WESTINGH'SE W LMD	AB01 PMP MTD 190.	435002 < A-02	IEEE 323-74,344 -75	A	D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1-88,182 282, 51,139 241	NO W CO TAG NO.
RESIDUAL HEAT REMOVAL RH0003 RHR PUMP 1A-SA MTR WINDING NEMP (TC)	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RH 03 36A3 SA 02479 AE2	WESTINGH'SE W LMD	AB01 PMP MTD 190.	435002 < A-02	IEEE 323-74,344 -75	A	D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1-88,182 282, 51,139 241	NO W CO TAG NO.
RESIDUAL HEAT REMOVAL RH0003 RHR PUMP 1A-SA MTR WINDING NEMP (TC)	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RH 03 36A4 SA 02480 AE2	WESTINGH'SE W LMD	AB01 PMP MTD 190.	435002 < A-02	IEEE 323-74,344 -75	A	D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1-88,182 282, 51,139 241	NO W CO TAG NO.
RESIDUAL HEAT REMOVAL RH0003 RHR PUMP 1A-SA MTR WINDING NEMP (TC)	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RH 03 36A5 SA 02481 AE2	WESTINGH'SE W LMD	AB01 PMP MTD 190.	435002 < A-02	IEEE 323-74,344 -75	A	D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1-88,182 282 51,139 241	NO W CO TAG NO.
RESIDUAL HEAT REMOVAL RH0003 RHR PUMP 1A-SA MTR WINDING NEMP (TC)	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1RH 03 36A6 SA 02482 AE2	WESTINGH'SE W LMD	AB01 PMP MTD 190.	435002 < A-02	IEEE 323-74,344 -75	A	D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1-88,182 282, 51,139 241	NO W CO TAG NO.

TAGS INCLUDED: TE 1RH 0336A1 S----TE 1RH 0336B1 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
RESIDUAL HEAT REMOVAL RH0003 RHR PMP 1B-SB MTR WINDI NG NEMP (TC)	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RH 03 3681 SB 02483 AE2	WESTINGH'S E W LMD	AB01 PMP MTR 190.	435002 < A-02	IEEE 323-7 4,344 -75	A D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1-88,182 282, 51,139 241	NO W CO TAG NO.
RESIDUAL HEAT REMOVAL RH0003 RHR PMP 1B-SB MTR WINDI NG NEMP (TC)	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RH 03 3682 SB 02484 AE2	WESTINGH'S E W LMD	AB01 PMP MTD 190.	435002 < A-02	IEEE 323-7 4,344 -75	A D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1-88,182 282, 51,139 241	NO W CO TAG NO.
RESIDUAL HEAT REMOVAL RH0003 RHR PUMP 1B-SB MTR WINDI NG NEMP (TC)	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RH 03 3683 SB 02485 AE2	WESTINGH'S E W LMD	AB01 PMP MTD 190.	435002 < A-02	IEEE 323-7 4,344 -75	A D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1-88,182 282, 51,139 241	NO W CO TAG NO.
RESIDUAL HEAT REMOVAL RH0003 RHR PUMP 1B-SB MTR WINDI NG NEMP (TC)	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RH 03 3684 SB 02486 AE2	WESTINGH'S E W LMD	AB01 PMP MTD 190.	435002 < A-02	IEEE 323-7 4,344 -75	A D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1-88,182 282, 51,139 241	NO W CO TAG NO.
RESIDUAL HEAT REMOVAL RH0003 RHR PUMP 1B-SB MTR WINDI NG NEMP (TC)	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RH 03 3685 SB 02487 AE2	WESTINGH'S E W LMD	AB01 PMP MTD 190.	435002 < A-02	IEEE 323-7 4,344 -75	A D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1-88,182 282, 51,139 241	NO W CO TAG NO.
RESIDUAL HEAT REMOVAL RH0003 RHR PUMP 1B-SB MTR WINDI NG NEMP (TC)	PRIMARY ELEMENT TEMPERAT URE PRIM ARY ELEM	TE 1RH 03 3686 SB 02488 AE2	WESTINGH'S E W LMD	AB01 PMP MTD 190.	435002 < A-02	IEEE 323-7 4,344 -75	A D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1-88,182 282, 51,139 241	NO W CO TAG NO.

TAGS INCLUDED: TE 1RH 0336B1 S----TE 1RH 0604A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STOS	Q I												
RESIDUAL HEAT REMOVAL RH0003	PRIMARY ELEMENT	TE 1RH 06 C4A SA 00219	WESTINGH'S E W LMD	AB21 LCL	435002 014 A-02	IEEE 323-7 4,344	A B	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1 72,160 337, 27,116 310	TE604A
RESID HT REM P MP 1A(RTD) E	TEMPERAT URE PRIM ARY ELEM	AE2	S7364P120 Z12	236.		-75													
RESIDUAL HEAT REMOVAL RH0003	PRIMARY ELEMENT	TE 1RH 06 C4B SB 00220	WESTINGH'S E W LMD	AB21 LCL	435002 015 A-02	IEEE 323-7 4,344	A B	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1 72,160 337, 27,116 310	TE604B
RESID HT REM P MP 1B(RTD) E	TEMPERAT URE PRIM ARY ELEM	AE2	S7364P120 Z12	236.		-75													
RESIDUAL HEAT REMOVAL RH0003	PRIMARY ELEMENT	TE 1RH 06 C6A SA 00223	WESTINGH'S E W LMD	AB21 LCL	435002 016 A-02	IEEE 323-7 4,344	A D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1- 72,160 337, 27,116 310	TE606A
RESID HX 1A OUT(RTD	TEMPERAT URE PRIM ARY ELEM	AE2	S7364P120 Z12	236.		-75													
RESIDUAL HEAT REMOVAL RH0003	PRIMARY ELEMENT	TE 1RH 06 C6A SA 12438	WEED	AB21 PIPE MTD	435286 96 IN43														
RHR HX 1A OUT(RTD)	TEMPERAT URE PRIM ARY ELEM		INSTRUMEN ---------- ----	236.															
RESIDUAL HEAT REMOVAL RH0003	PRIMARY ELEMENT	TE 1RH 06 C6B SB 12437	WEED	AB21 PIPE MTD	435286 97 IN43														
RHR HX 1B OUT (RTD)	TEMPERAT URE PRIM ARY ELEM		INSTRUMEN	236.															
RESIDUAL HEAT REMOVAL RH0003	PRIMARY ELEMENT	TE 1RH 06 C6B SBW 00224	WESTINGH'S E W LMD	AB21 LCL	435002 017 A-02	IEEE 323-7 4,344	A D	2.1	2.1	X		S			>33 HZ	>33 HZ	>33 HZ	RAB1 72,160 337 27,116 310	TE606B
RESID HX 1B OUT(RTD	TEMPERAT URE PRIM ARY ELEM	AE2	S7364P120 Z12	236.		-75													

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E)
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
RESIDUAL HEAT REMOVAL RHC003 RHR PUMP	PUMPS PUMP (QTY-2)	1A-SA, 1B-SB 11730 181964	WESTINGHOUSE INGERSOL-RAND 8 20WDF	FLOOR MTD T	NSSS SD235	ASME SECT III	A		N-S .09G E-W .10G VERT .13G	N-S .18G E-W .18G VERT .24G	X		D	NA		>33 HZ	>33 HZ	>33 HZ	EL.190 MAT.	
RESIDUAL HEAT REMOVAL RHC003 SFTY REL. PMP MTRS RHRIC PMP	PUMPS MOTOR OPERATOR	1A-SA, 1B-SB 11745 AE2	WESTINGHOUSE WESTINGHOUSE-LMD FRAME 5008-P39	PUMP MTD	NSSS SD235	ASME 323-74,344 75	A		N-S .09G E-W .10G VERT .13G	N-S .18G E-W .18G VERT .24G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	EL.190 MAT.	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			CBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #		Q	I												
RESIDUAL HEAT REMOVAL RH0003	TEST POI NTS	TW 1RH 06 C4A S 00706	WESTINGH'S E MINCE	AB21 PIPE MTD	435002 14A A-02			B											NA	TW604A
RESID HT REM P MP E	TEMPERAT URE TEST WALL		PROD. INC F269U35	236.																
RESIDUAL HEAT REMOVAL RH0003	TEST POI NTS	TW 1RH 06 U4B S 00707	WESTINGH'S E MINCE	AB21 PIPE MTD	435002 A-02			B											NA	TW604B
RESID HT REM P MP E	TEMPERAT URE TEST WALL		PROD. INC F269U35	236.																
RESIDUAL HEAT REMOVAL RH0003	TEST POI NTS	TW 1RH 06 C6A S 11966	WESTINGH'S E MINCE	LCL	435002 16A A-02															
RESID HX OUTLE T	TEMPERAT URE TEST WELL		PROD. INC F269U35 WSO-3																	
RESIDUAL HEAT REMOVAL RH0003	TEST POI NTS	TW 1RH 06 C6B S 00712	WESTINGH'S E MINCE	AB21 PIPE MTD	435002 17A A-02			B											NA	TW606B
RESID HX OUTLE T E	TEMPERAT URE TEST WALL		PROD. INC F269U35	236.																

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
RESIDUAL HEAT REMOVAL RHO003 RCS LOOP 3 HL TO RHR PUMP SUCTION	VALVES GATE 12	1RH-V500S B-1 05675 173662	WESTINGH'S E WESTINGH'S E MOD-12001 GM99SEH020	CB11 PIPE MTD 221.	NSSS 8702 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12GM88SEH ACTIRE VLV
RESIDUAL HEAT REMOVAL RHO003 M	VALVES MOTOR OPERATOR	1RH-V500S B-1 08944 WCAP7744&7410,NSCE	WESTINGH'S E LIMITORQUE SMB-2	CB21 VLV MTD 251.	NSSS 8702 S0221	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 12GM88SEH ACTI E VLV
RESIDUAL HEAT REMOVAL RHO003 E	VALVES GATE 12	1RH-V501S B-1 05676 173662	WESTINGH'S E WESTINGH'S E MOD-12001 GM88SEH030	CB11 PIPE MTD 221.	NSSS 8701 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12GM88SEH ACTIRE VLV
RESIDUAL HEAT REMOVAL RHO003 RCS LOOP 3 HL TO RHR PUMP SUCMION	VALVES LIMIT SWITCH	1RH-V501S B-1 08946 TEST RPT	WESTINGH'S E NAMCO EA-170	CB11 VLV MTD 230.	NSSS 8701 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 12GM88SEH ACTI E VLV
RESIDUAL HEAT REMOVAL RHO003 RCS LOOP 3 HL TO RHR PUMP SUCTIMN	VALVES MOTOR OPERATOR	1RH-V501S B-1 08947 WCAP7744&7410,NSCE	WESTINGH'S E LIMITORQUE SMB-1	CB11 VLV MTD 230.	NSSS 8701 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 12GM88SEH ACTI E VLV
RESIDUAL HEAT REMOVAL RHO003 RCS LOOP 1 HL TO RHR PUMP SUCTIEN	VALVES GATE 12	1RH-V502S A-1 05672 173662	WESTINGH'S E WESTINGH'S E MOD12001 GM88SEH030	CB11 PIPE MTD 221.	NSSS 8702 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12GM88SEH ACTIRE VLV

TAGS INCLUDED: 1RH-V500SB-1 ----1RH-V502SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
RESIDUAL HEAT REMOVAL RHC003	VALVES	1RH-V502S A-1 08948	WESTINGH'S E LIMITORQUE	CB11 VLV MTD	NSSS 8702 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 12GM88SEH ACTI E VLV
PERMCOL-3146 P	MOTOR OPERATOR	WCAP77448 7410,NSCE	SMB-1	221.																
RESIDUAL HEAT REMOVAL RHO003	VALVES	1RH-V502S A-1 08949	WESTINGH'S E NAMCO	CB11 VLV MTD	NSSS 8702 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 12GM88SEH ACTI E VLV
PERMCOL-3146 P	LIMIT SWITCH	TEST RPT	EA-170	221.																
RESIDUAL HEAT REMOVAL RHO003 RCS LOOP 1 HL TO RHR PUMP SU CTIEN	VALVES GATE 12	1RH-V503S B-1 05674 173662	WESTINGH'S E WESTINGH'S E MOD-12001 GM88SEH020	CB11 PIPE MTD 221.	NSSS 8701 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12GM88SEH ACTIRE VLV
RESIDUAL HEAT REMOVAL RHO003 M	VALVES MOTOR OPERATOR	1RH-V503S B-1 08950 WCAP77448 7410,NSCE	WESTINGH'S E LIMITORQUE SMB-2	CB11 VLV MTD 221.	NSSS 8701 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 12GM88SEH ACTI E VLV
RESIDUAL HEAT REMOVAL RHO003 LEAK TEST CONN. ON LINE 1RH12-38SA-1	VALVES PCKLESS GLO 1	1RH-V65SA -1 05709 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB11 PIPE MTD 221	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RHO003 LEAK TEST CONN. ON LINE 1RH12-38SA-1	VALVES PCKLESS GLO 1	1RH-V66SA -1 05710 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB11 PIPE MTD 221	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 1RH-V502SA-1 ----1RH-V67SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- D 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
RESIDUAL HEAT REMOVAL RHO003	VALVES	1RH-V67SB -1 05707	KEROTEST MFTR KEROTEST	CB11 PIPE MTD	435092 001 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
LEAK TEST CONN ON LINE 1RH12-39SB-1	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	221	50-M69 -20	74ED SUM 76ADD														
RESIDUAL HEAT REMOVAL RHO003	VALVES	1RH-V68SB -1 05708	KEROTEST MFTR KEROTEST	CB11 PIPE MTD	435092 001 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
LEAK TEST CONN ON LINE 1RH12-39SB-1	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	221	50-M69 -20	74ED SUM 76ADD														
RESIDUAL HEAT REMOVAL RHO003 RHR HX 1B-SB O UTLET FORE2RH-B500SB	VALVES BUTTERFL Y 10	2RH-B500S N-1 05642 178282	WESTINGH'S E FISHER TYP-35-TD-WR	AB21 PIPE MTD 235.	NSSS M603 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 10BA74D ACTIRE VLV
RESIDUAL HEAT REMOVAL RHO003 RHR HX 1A-SA O UTLET FORE2RH-F500SA	VALVES BUTTERFL Y 10	2RH-B501S N-1 05637 178282	WESTINGH'S E FISHER TYP-35-TD-WR	AB21 PIPE MTD 235.	NSSS M603 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 10BA74D ACTIRE VLV
RESIDUAL HEAT REMOVAL RHO003 RHR HX 1A-SA D ISCH BYPASS FORE2RH-F500SA	VALVES FLOW CONTR 8	2RH-F500JS N-1 05639 178282	WESTINGH'S E FISHER TYP-7613	AB21 PIPE MTD 235.	NSSS F605 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		<33 HZ	<33 HZ	>33 HZ	NA	W TAG NO. 8BA74R ACTIRE VLV
RESIDUAL HEAT REMOVAL RHO003 RHR HX 1B-SB D ISCH-BYPASS FORE2RH-F501SB	VALVES FLOW CONTR 8	2RH-F501S N-1 05644 178282	WESTINGH'S E FISHER TYP-7613	AB21 PIPE MTD 235.	NSSS F605 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		<33 HZ	<33 HZ	>33 HZ	NA	W TAG NO. 8BA74R ACTIRE VLV

TAGS INCLUDED: 1RH-V67SB-1 ----2RH-F512SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
RESIDUAL HEAT REMOVAL RHC003 RHR PUMP 1B-SB MIN.FLOW RECI RC.E	VALVES FLOW CONTR 3	2RH-F512S B-1 05659 173662	WESTINGH'S E WESTINGH'S E-EMD MOD-03001 GM99FNB020	AB21 PIPE MTD 236.	NSSS F602 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV
RESIDUAL HEAT REMOVAL RHD003 M	VALVES MOTOR OPERATOR	2RH-F512S B-1 09215 RPT#800	WESTINGH'S E LIMITORQUE SMB-000	AB21 VLV MTD 236.	NSSS F602 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3GM78FN ACTI E VLV
RESIDUAL HEAT REMOVAL RHD003	VALVES FLOW CONTR 3	2RH-F513S A-1 05646 173662	WESTINGH'S E WESTINGH'S E-EMD MOD-03001 GM99FNB020	AB21 PIPE MTD 236.	NSSS F602 S0220	ASME SECT III	A			2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3GM78FN ACTIVE VLV
RESIDUAL HEAT REMOVAL RHD003 RHR PUMP 1A-SA MIN.FLOW RECI RC.	VALVES MOTOR OPERATOR	2RH-F513S A-1 09217 RPT#800	WESTINGH'S E LIMITORQUE SMB-000	AB21 VLV MTD 236.	NSSS F602 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3GM78FN ACTI E VLV
RESIDUAL HEAT REMOVAL RHD003 RCS LOOP 3 HL TO RCS PRT N	VALVES RELIEF 3	2RH-R500S B-1 05658 183414	WESTINGH'S E CROSBY JB35TDWR	CB21 PIPE MTD 236	NSSS 3708 S0220	ASME SECT III	A	D		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3RV76LWB ACTI E VLV
RESIDUAL HEAT REMOVAL RHD003 RCS LOOP 1 HL TO RCS PRT E	VALVES RELIEF 3	2RH-R501S A-1 05645 183414	WESTINGH'S E CROSBY JB-35-TD-WR	CB21 PIPE MTD 236	NSSS 3708 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3RV76LWB ACTIRE VLV

TAGS INCLUDED: 2RH-F512SB-1 ----2RH-R502SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
RESIDUAL HEAT REMOVAL RH0003 BYPASS AROUND VALVE 1 RH-V 501NB-1	VALVES RELIEF 3/4	2RH-R502S B-1 09849 183414	WESTINGH'S E CROSBY JMAK	CB11 PIPE MTD 221.	NSSS 8925 S0220	ASME SECT III	A	D		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4RV78SW
RESIDUAL HEAT REMOVAL RH0003 BYPASS AROUND VALVE 1 RH-V 502NB-1	VALVES RELIEF 3/4	2RH-R503-1 09835 183414	WESTINGH'S E CROSBY JMAK	CB11 PIPE MTD 221.	NSSS 8925 S0220	ASME SECT III	A	D		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4RV78SW
RESIDUAL HEAT REMOVAL RH0003 RCS LOOP 1 HL TO 1-PI 601A	VALVES PCKLESS GLO 3/4	2RH-V1SA-1 05647 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RH0003 RHR PMP 1A-SA DISCHARGE TO EQUIP DRAIN	VALVES PCKLESS GLO 3/4	2RH-V10SA-1 05651 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RH0003 RHR PMP 1A-SA DISCHARGE TO EQUIP DRAIN	VALVES PCKLESS GLO 3/4	2RH-V11SA-1 05652 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RH0003 RHR HT EXC 1A-SA DISCHARGE TO SE	VALVES PCKLESS GLO 3/4	2RH-V12SA-1 05657 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RH-R502SB-1 ----2RH-V13SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
RESIDUAL HEAT REMOVAL RH0003 RHR HT EXC 1B-SB DISCHARGE T O CECS LETDN L	VALVES PCKLESS GLO 2	2RH-V13SB -1 05667 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	AB21 PIPE MTD 236.	435092 007 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RH0003 RHR HT EXC 1A-SA DISCHARGE T O CECS LETDN L	VALVES PCKLESS GLO 2	2RH-V14SA -1 05654 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	AB21 PIPE MTD 236.	435092 007 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		323 HZ			NA	R
RESIDUAL HEAT REMOVAL RH0003 RHR HT.EXC.1A-SA OUTLET TO 1 -FTE505A	VALVES PCKLESS GLO 3/4	2RH-V15SA -1 05655 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RH0003 RHR HT.EXC.1A-SA OUTLET TO 1 -FTE505A	VALVES PCKLESS GLO 3/4	2RH-V16SA -1 05656 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RH0003 LEAK TEST CONN. ON LINE 1RH12-38SA-1	VALVES PCKLESS GLO 3/4	2RH-V18SB -0 05712 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	PIPE MTD	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RH0003 RCS LOOP 3 HL TO 1-PI 601B	VALVES PCKLESS GLO 3/4	2RH-V19SB -1 05660 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 50-M69 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2RH-V13SB-1 ----2RH-V21SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST FEP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
RESIDUAL HEAT REMOVAL RHO003	VALVES	2RH-V21SA -1 05678	KEROTEST MFTR KEROTEST	CB11 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1 G VER	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
TV CONN AT RHR PUMP 1A-SA SUCT	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	221	50-M69 -20	74ED SUM 76ADD														
RESIDUAL HEAT REMOVAL RHO003	VALVES	2RH-V22SB -1 05661	KEROTEST MFTR KEROTEST	AB01 PIPE MTD	435092 004 M-69	ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 FB	NA	
RHR PUMP 1B-SB DISCHARGE TO 1-PT 600C	PCKLESS GLO 3/4	KSAR-M69	MANUFACTU 9954	190	50-M69 -20	74ED SUM 76ADD														
RESIDUAL HEAT REMOVAL RHO003	VALVES	2RH-V23SB -1 05662	KEROTEST MFTR KEROTEST	AB01 PIPE MTD	435092 004 M-69	ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RHR PUMP 1B-SB DISCHARGE TO FLOW INST.	PCKLESS GLO 3/4	KSAR-M69	MANUFACTU 9954	190	50-M69 -20	74ED SUM 76ADD														
RESIDUAL HEAT REMOVAL RHO003	VALVES	2RH-V24SB -1 05663	KEROTEST MFTR KEROTEST	AB01 PIPE MTD	435092 004 M-69	ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RHR PUMP 1B-SB DISCHARGE TO FLOW INST.	PCKLESS GLO 3/4	KSAR-M69	MANUFACTU 9954	190	50-M69 -20	74ED SUM 76ADD														
RESIDUAL HEAT REMOVAL RHO003	VALVES	2RH-V26SB -1 05664	KEROTEST MFTR KEROTEST	AB01 PIPE MTD	435092 004 M-69	ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RHR PMP 1B-SB TO EQUIP DRAIN	PCKLESS GLO 3/4	KSAR-M69	MANUFACTU 9954	190	50-M69 -20	74ED SUM 76ADD														
RESIDUAL HEAT REMOVAL RHO003	VALVES	2RH-V27SB -1 05665	KEROTEST MFTR KEROTEST	AB01 PIPE MTD	435092 004 M-69	ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RHR PMP 1B-SB TO EQUIP DRAIN	PCKLESS GLO 3/4	KSAR-M69	MANUFACTU 9954	190	50-M69 -20	74ED SUM 76ADD														

TAGS INCLUDED: 2RH-V21SA-1 ----2RH-V28SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
RESIDUAL HEAT REMOVAL RHOOO3 RHR HT EXC 1B-SB DISCHARGE TO SE	VALVES PCKLESS GLO 3/4	2RH-V28SB -1 05671 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHOOO3 RHR HT.EXC.1B-SB OUTLET TO 1-FTE605B	VALVES PCKLESS GLO 3/4	2RH-V29SB -1 05668 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHOOO3 LEAK TEST CONN. ON LINE 1RH12-38SA-1	VALVES PCKLESS GLO 3/4	2RH-V3SA-W 05711 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	PIPE MTD	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RHOOO3 RHR HT.EXC.1B-SB OUTLET TO 1-FT 605B	VALVES PCKLESS GLO 3/4	2RH-V30SB -1 05669 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RHOOO3 E	VALVES PCKLESS GLO 3/4	2RH-V30SB -1 05670 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	PIPE MTD	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHOOO3 TV CONN AT RHR PUMP 1B-SB SUCT	VALVES PCKLESS GLO 1	2RH-V33SB -1 05679 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB11 PIPE MTD 221	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VER	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2RH-V28SB-1 ----2RH-V34SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITION	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
RESIDUAL HEAT REMOVAL RH0003	VALVES	2RH-V34SB -1 05680	KEROTEST MFTR KEROTEST	CB11 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1 G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
TV CONN AT RHR PUMP 1B-SB SUCT	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	221	50-M69 -20	74ED SUM 76ADD			VER	VERT										
RESIDUAL HEAT REMOVAL RH0003 RHR PUMP 1B-SB DISCHARGE TO PI	VALVES PCKLESS GLO 3/4	2RH-V35SB -1 05681 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RH0003 RHR PUMP 1A-SA DISCHARGE TO PI	VALVES PCKLESS GLO 3/4	2RH-V36SA -1 05682 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RH0003 VENT ON LINE 2 RH2-265SN-1 E	VALVES PCKLESS GLO 1	2RH-V41SN -1 05685 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RH0003 VENT ON LINE 2 RH2-265SN-1 E	VALVES PCKLESS GLO 1	2RH-V42SN -1 05686 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RH0003 VENT ON RHR HX 1A OUTLET E	VALVES PCKLESS GLO 1	2RH-V43SA -1 05687 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RH-V34SB-1 ----2RH-V44SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
RESIDUAL HEAT REMOVAL RHO003 VENT ON RHR HX 1A OUTLET E	VALVES PCKLESS GLO 1	2RH-V44SA -1 05688 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHO003 DRAIN ON RHR HX 1A OUTLET E	VALVES PCKLESS GLO 1	2RH-V45SA -1 05689 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHO003 DRAIN ON RHR HX 1A OUTLET E	VALVES PCKLESS GLO 1	2RH-V46SA -1 05690 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHO003 VENT ON RHR HX 1B OUTLET E	VALVES PCKLESS GLO 1	2RH-V49SB -1 05691 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHO003 TV CONN AT RHR PUMP 1A-SA SUCT	VALVES PCKLESS GLO 1	2RH-V5SA-1 05677 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB11 PIPE MTD 221	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RHO003 VENT ON RHR HX 1B OUTLET E	VALVES PCKLESS GLO 1	2RH-V50SB -1 05692 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RH-V44SA-1 ----2RH-V504SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS		ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q I												
RESIDUAL HEAT REMOVAL RH0003	VALVES	2RH-V504S B-1 05641	WESTINGH'S E WESTINGH'S	AB21 PIPE MTD	NSSS 8728 S0220	ASME SECT III	A B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 10G74 R
RHR PUMP 1B-SB DISCHARGE TO RHREHT.EXC.1B-	GATE 10	162148	E MOD-10001G W9500D020	236															
RESIDUAL HEAT REMOVAL RH0003	VALVES	2RH-V505S A-1 05636	WESTINGH'S E WESTINGH'S	AB21 PIPE MTD	NSSS 8728 S0220	ASME SECT III	A B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 10G74 R
RHR PUMP 1A-SA DISCHARGE TO RHREHT.EXC.1A-	GATE 10	162148	E MOD-1001GW 9500C020	236															
RESIDUAL HEAT REMOVAL RH0003	VALVES	2RH-V506S B-1 05666	WESTINGH'S E WESTINGH'S	AB21 PIPE MTD	NSSS 8706 S0220	ASME SECT III	A B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 8GM74FE ACTIRE VLV
RHR HT.EXC.1B-SB DISCHARGE TO CECS CHG PMP	GATE 8	173662	E MOD-08002G M84FEB030	236.															
RESIDUAL HEAT REMOVAL RH0003	VALVES	2RH-V506S B-1 09219	WESTINGH'S E LIMITORQUE	AB21 VLV MTD	NSSS 8706 S0220	IEEE 344-71	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 8GM74FE ACTI E VLV
M	MOTOR OPERATOR	PPT # 800	SMB-CO	236.															
RESIDUAL HEAT REMOVAL RH0003	VALVES	2RH-V506S B-1 09220	WESTINGH'S E NAMCO	AB21 VLV MTD	NSSS 8706 S0220	IEEE 344-71	A C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 8GM74FE ACTI E VLV
M	LIMIT SWITCH	TEST #	EA17012302	236.															
RESIDUAL HEAT REMOVAL RH0003	VALVES	2RH-V507S A-1 05653	WESTINGH'S E WESTINGH'S	AB21 PIPE MTD	NSSS 8706 S0220	ASME SECT III	A B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 8GM74FE ACTIRE VLV
E	GATE 8	173662	E MOD-08002G M84FEB030	236.															

TAGS INCLUDED: 2RH-V504SB-1 ----2RH-V507SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN.	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
RESIDUAL HEAT REMOVAL RH0003 RHR HT EXC 1A-SA DISCH TO CVCM CHG PMP	VALVES MOTOR OPERATOR	2RH-V507S A-1 09221 RPT#800	WESTINGH'S E LIMITORQUE SMB-00	AB21 VLV MTD 236.	NSSS 3706 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 8GM74FE ACTI E VLV
RESIDUAL HEAT REMOVAL RH0003 RHR HT EXC 1A-SA DISCH TO CV CS MHG PMP SUC	VALVES LIMIT SWITCH	2RH-V507S A-1 09222 TEST#	WESTINGH'S E NAMCO EA17012302	AB21 VLV MTD 236.	NSSS 3706 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 8GM74FE ACTI E VLV
RESIDUAL HEAT REMOVAL RH0003 RHR HX 1B-SB OUTLET FORE2RH-B500SB	VALVES CHECK 10	2RH-V508S B-1 05643 162148	WESTINGH'S E WESTINGH'S E MOD-10001C S95000020	AB21 PIPE MTD 236	NSSS 3716 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 10C74 ACTIRE VLV
RESIDUAL HEAT REMOVAL RH0003 RHR HX 1A-SA OUTLET FORE2RH-F500SA	VALVES CHECK 10	2RH-V509S A-1 05638 162148	WESTINGH'S E WESTINGH'S E MOD-10001C S95000020	AB21 PIPE MTD 236	NSSS 3716 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 10C74 ACTIRE VLV
RESIDUAL HEAT REMOVAL RH0003 DRAIN ON RHR HX 1B OUTLET E	VALVES PCKLESS GLO 1	2RH-V51SB -1 05693 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RH0003 DRAIN ON RHR HX 1B OUTLET E	VALVES PCKLESS GLO 1	2RH-V52SB -1 05694 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RH-V507SA-1 ----2RH-V53SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
RESIDUAL HEAT REMOVAL RHOOO3 DRAIN ON RH HX 1A OUTLET E	VALVES PCKLESS GLO 1	2RH-V53SA -1 05695 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHOOO3 DRAIN ON RH HX 1A OUTLET E	VALVES PCKLESS GLO 1	2RH-V54SA -1 05696 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHOOO3 DRAIN ON RH HX 1B OUTLET E	VALVES PCKLESS GLO 1	2RH-V55SB -1 05697 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHOOO3 DRAIN ON RH HX 1B OUTLET E	VALVES PCKLESS GLO 1	2RH-V56SB -1 05698 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHOOO3 FROM LINE 2RH1 C-8-SB-1 OCAE SAMPLE	VALVES PCKLESS GLO 3/4	2RH-V57SB -1 05699 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHOOO3 FROM LINE 2RH1 C-3-SA-1 OCAE SAMPLE	VALVES PCKLESS GLO 3/4	2RH-V58SA -1 05701 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RH-V53SA-1 ----2RH-V59SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITN	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
RESIDUAL HEAT REMOVAL RHO003 PX CONN ON RESIDUAL HEAT REMOVE PUMP 1B-SB	VALVES PCKLESS GLO 3/4	2RH-V59SB-1 05703 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 59-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RHO003 RHR PUMP 1A-SA DISCHARGE TO 1-PT 600A	VALVES PCKLESS GLO 3/4	2RH-V6SA-1 05648 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 59-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RHO003 PX CONN ON RESIDUAL HEAT REMOVE PUMP 1A-SA	VALVES PCKLESS GLO 3/4	2RH-V60SA-1 05704 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 59-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RHO003 DRAIN ON TUBE SIDE RHR HX A E	VALVES PCKLESS GLO 1	2RH-V61SA-1 05706 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 59-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHO003 DRAIN ON TUBE SIDE RHR HX B E	VALVES PCKLESS GLO 1	2RH-V62SB-1 05705 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 005 M-69 59-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHO003 FROM LINE 2RH1C-8-SB-1 OCAE SAMPLE	VALVES PCKLESS GLO 3/4	2RH-V63SB-1 05700 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB21 PIPE MTD 236	435092 004 M-69 59-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2RH-V59SB-1 ----2RH-V64SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SOPT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
RESIDUAL HEAT REMOVAL RHOOO3 FROM LINE 2RH1 O-3-SA-1 OCAE SAMPLE	VALVES PCKLESS GLO 3/4	2RH-V64SA -1 05702 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME. SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
RESIDUAL HEAT REMOVAL RHOOO3 RHR PUMP 1A-SA DISCHARGE TO FLOW INST.	VALVES PCKLESS GLO 3/4	2RH-V7SA- 1 05649 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
RESIDUAL HEAT REMOVAL RHOOO3 POST ACCIDENT SAMPLE POINT	VALVES GLOBE3/4 SOLENOID OPER VLV	2RH-V71SA -1 06776 TR#-2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 790-026	AB21 PIPE MTD 235.	435243 029 M-73A 50-M73 -20	ASME SECT III IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 2653D
RESIDUAL HEAT REMOVAL RHOOO3 POST ACCIDENT SAMPLE POINT N	VALVES GLOBE3/4 SOLENOID OPER VLV	2RH-V72SB -1 09814 TR#-2804/ TRP 2375	TARGET ROCK TARGET ROCK 790-026	AB21 PIPE MTD 235.	435243 029 M-73A 50-M73 -20	IEEE 344-75 ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPO T 2653D
RESIDUAL HEAT REMOVAL RHOOO3 RHR PUMP 1A-SA DISCHARGE TO FLOW INST.	VALVES PCKLESS GLO 3/4	2RH-V8SA- 1 0565U KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1364
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI0C3A ACCUMULATOR	ACCUMULATOR (QTY 3)	1A-SA,1B-SB,1C-SA 11725 2C0903	WESTINGHOUSE WESTINGHOUSE VOL. 1450CUFT	CB FLOOR MTD 261.	NSSS SC215	ASME SECT III	A		N-S .22G E-W .21G VERT .43G	N-S .38G E-W .39G VERT .62G	X		D	NA		<33 HZ	<33 HZ	<33 HZ	EL.261 VPT.14 HPT.12	

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1365
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
SAFETY INJ. SIOC3A	CONTROL DEVICES	LIS 1SI09 64 S 00278	WESTINGH'S E ITT-	AB21 LCL	435002 A-02	IEEE-344-75	A	D											NA	L1S964
BORON INJ SUR TK	LEVEL SW ITCH	ITT-BART R3-288A-1	BARTON 288A	236.																
SAFETY INJ. SIOC3A	CONTROL DEVICES	LIS 1SI09 65 S 00279	WESTINGH'S E ITT-	AB21 LCL	435002 A-02	IEEE-344-75	A	D											NA	L1S965
BORON INJ SUR TK	LEVEL SW ITCH	ITT-BART R3-288A-1	BARTON 288A	236.																

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1366
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SAFETY INJ. SI003A	INDICATORS	PI 1RH 06 01A S 00216	WESTINGH'S E ASHCROFT	AB11 A1R31 ESF-A	435002 038 A-02			C											RAB 80,168 341	PI601A
RESID HT REM P MP 1A M	PRESSURE DIRECT INDICATO			216.															39,128 316	
SAFETY INJ. SI003A	INDICATORS	PI 1RH 06 01B S 00217	WESTINGH'S E ASHCROFT E	AB11 A1R32 ESF-B	435002 039 A-02			C											RAB 80,168 341	PI601B
RESID HT REM P MP 1B M	PRESSURE DIRECT INDICATO		WSO-3	215.															39,128 316	
SAFETY INJ. SI003A	INDICATORS	PI 1SI 09 44 S 00801	WESTINGH'S E ASHCROFT	AB21 PIPE MTD	435002 046 A-02			D											NA	PI944
ACCUM TEST LIN E N	PRESSURE DIRECT INDICATO			235.																

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
SAFETY INJ. SI003A RESID HT REM P MP 1A ORIFICE	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1RH 06 02A S 00699	WESTINGH'S E VICKERS-SIMMS MK-52	AB01 IN LINE 190.	435002 026 A-02	IEEE 344 75		D											NA	FE602A QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A RESID HT REM P MP 1B ORIFICE	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1RH 06 02B S 00700	WESTINGH'S E VICKERS-SIMMS MK-52	AB01 IN LINE 190.	435002 026 A-02	IEEE 344 75		D											NA	FE602B QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A RESID HT REM P MP 1A	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1RH 06 05A S 00708	WESTINGH'S E VICKERS-SIMMS MK-52	AB21 IN LINE 236.	435002 027 A-02	IEEE 344 75		D											NA	FE605A QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A RESID HT REM P MP 1B	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1RH 06 05B S 00709	WESTINGH'S E VICKERS-SIMMS MK-52	AB21 IN LINE 236.	435002 028 A-02	IEEE 344 75		D											NA	FE605B QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A BORON INJ TK RET ORIFICE PLATN	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 09 34 S 00796	WESTINGH'S E VICKERS-SIMMS MK-52	AB11 IN LINE 216.	435002 063 A-02	IEEE 344		D											NA	FE934 QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A HOT LEG SI ORIFICE PLATE	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 09 40 S 00799	WESTINGH'S E VICKERS-SIMMS MK-52	AB21 IN LINE 236.	435002 044 A-02	IEEE 344 75		D											NA	FE940 QUALIFIED AS PART OF PIPING SYS

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A COLD LEG SI ORIFICEPLATE	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 0943 S 00800	WESTINGH'SE VICKERS-SIMMS MK-52	AB21 IN LINE 236.	435002 065 A-02	IEEE 344 75		D											NA	FE943 QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A SI RCS LP 1 CL ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 0971 S 00804	WESTINGH'SE VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 068 A-02	IEEE 344 75		D											NA	FE971 QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A SI RCS LP 2 CL ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 0972 S 00805	WESTINGH'SE VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 069 A-02	IEEE 344 75		D											NA	FE972 QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A SI RCS LP 3 CL ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 0973 S 00806	WESTINGH'SE VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 070 A-02	IEEE 344 75		D											NA	FE973 QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A SI RCS LP 1 CL ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 0975 S 00807	WESTINGH'SE VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 071 A-02	IEEE-344-75		D											NA	FE975 QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A SI RCS LP 2 CL ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 0976 S 00808	WESTINGH'SE VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 072 A-02	IEEE-344-75-		D											NA	FE976 QUALIFIED AS PART OF PIPING SYS

TAGS INCLUDED: FE 1SI 0943 S ----FE 1SI 0977 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	TUS Q	I	ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
SAFETY INJ. SI003A SI RCS LP 3 CL ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 09 77 S 00809	WESTINGH'S E VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 073 A-02	IEEE-344-75		D											NA	FE977 QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A SI RCS LP 1 HL ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 09 81 S 00810	WESTINGH'S E VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 074 A-02	IEEE-344-75		D											NA	FE-981 QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A SI RCS LP 2 HL ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 09 82 S 00811	WESTINGH'S E VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 075 A-02	IEEE-344-75		D											NA	FE982 QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A SI RCS LP 3 HL ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 09 83 S 00812	WESTINGH'S E VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 076 A-02	IEEE-344-75		D											NA	FE983 QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A SI RCS LP 1 HL ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 09 85 S 00813	WESTINGH'S E VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 077 A-02	IEEE 344 75		D											NA	FE985 QUALIFIED AS PART OF PIPING
SAFETY INJ. SI003A SI RCS LP 2 HL ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 09 86 S 00814	WESTINGH'S E VICKERS-SIMMS MK-52	CB21 IN LINE 236.	435002 078 A-02	IEEE 344 75		D											NA	FE986 QUALIFIED AS PART OF PIPING SYS

TAGS INCLUDED: FE 1SI 0977 S ----FE 1SI 0987 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1370
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SAFETY INJ. SI003A SI RCS LP 3 HL ORIF	PRIMARY ELEMENT FLOW PRIMARY ELEMENT	FE 1SI 09 87 S 00815	WESTINGH'S E VICKERS-SIMMS MK-52	C821 IN LINE 236.	435002 079 A-02	IEEE 344 75		D											NA	FE987 QUALIFIED AS PART OF PIPING SYS
SAFETY INJ. SI003A BORON INJ SUR TK TEMP (RTD) N	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE 1SI 09 66 S 00280	WESTINGH'S E MINCE PROD. INC S7364P130 Z8	A811 TANK MTD 226.	435002 013 A-02			D											NA	TE966 (FORTHCOMING)

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS OF EQUIPMENT IMPORTANT TO SAFETY CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A	PUMPS	1A-SA, 1B-SB 11729	WESTINGHOUSE CHEMPUMP	FLOOR MTD	NSSS S0235	ASME SECT III	A		N-S .11G E-W .13G VERT .33G	N-S .19G E-W .21G VERT .45G	X		D	NA		>33 HZ	>33 HZ	>33 HZ	EL.216 VPT.12 HPT.7	
BORON INJ. RECIRC PUMP	PUMPS (QTY-2)	169476	MOD.GB-1 1/2K751H1S																	
SAFETY INJ. SI003A CENTRIF CHARGING PUMP	PUMPS (QTY-3)	1A-SA,1B-SB,1C-SAB 11726 1895C	WESTINGHOUSE PACIFIC PUMP 2 1/2RL,1J	AB FLOOR MTD 236.	NSSS S0235	ASME SECT. III	A		N-S .14G E-W .14G VERT .40G	N-S .23G E-W .23G VERT .75G	X		D	NA		>33 HZ	>33 HZ	>33 HZ	EL.236 VPT.11 HPT.5	
SAFETY INJ. SI003A SFTY REL. PMP MTRS CENTRIF CHGING PMP	PUMPS MOTOR (QTY-3)	1A-SA,1B-SB,1C-SAB 11744 AE2	WESTINGHOUSE WESTINGHOUSE-LMD FRAME 6808S	PUMP MTD	NSSS S0235	IEEE 323-74,344 -75	A		N-S .14G E-W .14G VERT .40G	N-S .23G E-W .23G VERT .75G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	EL.236 VPT.11 HPT.5	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A RESID HX 1A BY PASS E	SENSORS FLOW TRANSMITTER	FT 1RH 06 05A S 00221 ESE-4	WESTINGH'SE BARTON 752 GROUP B	AB21 A1R 7 236.	435002 748 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1-27,72 116, 160, 310, 337	FT605A SPARE
SAFETY INJ. SI003A RESID HX 1B BY PASS M	SENSORS FLOW TRANSMITTER	FT 1RH 06 05B S 00222 ESE-4	WESTINGH'SE BARTON 752 GROUP B	AB21 A1R 6 236.	435002 749 A-02	IEEE 323-74,344 -75	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	27,72 116, 160, 310, 337	FT605B SPARE
SAFETY INJ. SI003A HOT LEG SI E	SENSORS FLOW TRANSMITTER	FT 1SI 09 40 S 00273 ESE-4	WESTINGH'SE BARTON 752 GROUP B	AB21 A1R 7 236.	435146 004 IN46	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1 27,72 116, 160, 310, 337	FT940 SPARE
SAFETY INJ. SI003A HOT LEG SI	SENSORS FLOW TRANSMITTER	FT 1SI 09 40 S W 12414	WESTINGH'SE ITT-BARTON 752 WSO-3	A1R 7	435002 020 A-02															
SAFETY INJ. SI003A COLD LEG SI E	SENSORS FLOW TRANSMITTER	FT 1SI 09 43 S 00274 ESE-4	WESTINGH'SE BARTON 752 GROUP B	AB21 A1R 7 236.	435146 005 IN46	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	27,72, 116, 160, 310, 337	FT943 SPARE
SAFETY INJ. SI003A ACCUM TK 1A LVL HIGH & LOW ANARM	SENSORS LEVEL TRANSMITTER	LT 1SI 09 20 S 00782 ESE-4	WESTINGH'SE BARTON 752 WSO-	LCL	435002 004 A-02	IEEE 323-74,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	LT920

TAGS INCLUDED: FT 1RH 0605A S ----LT 1SI 0922 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
SAFETY INJ. SI003A	SENSORS	LT 1SI 09 22 S 00784	WESTINGH'S E BARTON	LCL	435002 005 A-02	IEEE 323-7 4,344	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	LT922
ACCUM TK 1A LV L HIGH & LO W ANARM	LEVEL TR ANSMITTE R	ESE-4	752 WSO-			-75														
SAFETY INJ. SI003A	SENSORS	LT 1SI 09 24 S 00786	WESTINGH'S E BARTON	LCL	435002 006 A-02	IEEE 323-7 4,344	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	LT924
ACCUM TK 1B LE VEL HIGH & LO W ANARM	LEVEL TR ANSMITTE R	ESE-4	752 WSO-			-75														
SAFETY INJ. SI003A	SENSORS	LT 1SI 09 26 S 00788	WESTINGH'S E BARTON	LCL	435002 007 A-02	IEEE 323-7 4,344	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	LT926
ACCUM TK 1B LE VEL HIGH & LO W N ALAR	LEVEL TR ANSMITTE R	ESE-4	752 WSO-			-75														
SAFETY INJ. SI003A	SENSORS	LT 1SI 09 28 S 00790	WESTINGH'S E BARTON	LCL	435002 008 A-02	IEEE 323-7 4,344	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	LT928
ACCUM TK 1C LE VEL HIGH & LO W ANARM	LEVEL TR ANSMITTE R	ESE-4	752 WSO-			-75														
SAFETY INJ. SI003A	SENSORS	LT 1SI 09 30 S 00792	WESTINGH'S E BARTON	LCL	435002 009 A-02	IEEE 323-7 4,344	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	LT930
ACCUM TK 1C LE VEL HIGH & LO W ANARM	LEVEL TR ANSMITTE R	ESE-4	752 WSO-			-75														
SAFETY INJ. SI003A RESID HT REM P MP 1A	SENSORS PRESSURE TRANSMI TTER	PT 1RH 06 COA S 00215 ESE-2	WESTINGH'S E BARTON 753 GROUP B	AB11 A1R31 ESF-A 216.	435002 009 A-02	IEEE 323-7 4,344 -75	A	C			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA91 39,80, 128, 163, 316, 341	PT600A

TAGS INCLUDED: LT 1SI 0922 S ----PT 1RH J600B S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
SAFETY INJ. SIOC3A RESID HT REM P MP 1B N	SENSORS PRESSURE TRANSMI TTER	PT 1RH 06 06B S 00214 ESE-2	WESTINGH'S E BARTON 753 GROUP B	AB11 A1R32 ESF-9 216.	435002 011 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA91 39,80, 128, 168, 316, 341	PT600B
SAFETY INJ. SIOC3A ACCUM TK 1A PR ESS HIGH & LO W ANARM	SENSORS PRESSURE TRANSMI TTER	PT 1SI 09 21 S 00783 ESE-2	WESTINGH'S E BARTON 753 WSO-3	LCL	435002 011 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	PT921
SAFETY INJ. SIOC3A ACCUM TK 1A PR ESS HIGH & LO W ANARM	SENSORS PRESSURE TRANSMI TTER	PT 1SI 09 23 S 00785 ESE-2	WESTINGH'S E BARTON 753 GROUP B	CB31 PIPE MTD 266.	435002 012 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	PT923
SAFETY INJ. SIOC3A ACCUM TK 1B LV L HIGH & LO W ANARM	SENSORS PRESSURE TRANSMI TTER	PT 1SI 09 25 S 00787 ESE-2	WESTINGH'S E BARTON 753 GROUP B	CB31 PIPE MTD 266.	435002 013 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	PT925
SAFETY INJ. SIOC3A ACCUM TK 1B PR ESS HIGH & LO W ANARM	SENSORS PRESSURE TRANSMI TTER	PT 1SI 09 27 S 00789 ESE-2	WESTINGH'S E BARTON 753 GROUP B	CB31 PIPE MTD 266.	435002 014 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	PT927
SAFETY INJ. SIOC3A ACCUM TK 1C PR ESS HIGH & LO W ANARM	SENSORS PRESSURE TRANSMI TTER	PT 1SI 09 29 S 00791 ESE-2	WESTINGH'S E BARTON 753 GROUP B	CB31 PIPE MTD 266.	435002 015 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	PT929

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1375
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A	SENSORS	PT 1SI 09 31 S 00793	WESTINGH'S E BARTON	CB31 PIPE MTD	435002 016 A-02	IEEE 323-74,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	PT931
ACCUM TK 1C PRESS HIGH & LOW ANARM	PRESSURE TRANSMITTER	ESE-2	753 GROUP B	266.																
SAFETY INJ. SI003A BORON INJ HDR PRESS	SENSORS	PT 1SI 09 34 S 00272	WESTINGH'S E ITT BARTON	AB11 LCL	435002 017 A-02	IEEE-323-74 344-75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	NA	PT934
	PRESSURE TRANSMITTER	ESE-2	753GROUP B	221.																

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1376
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A LOW HEAD INJ T O RCS CL FROM RHR PUMP 1A-SA	SPECIALT IES RESTR OR FIC10	2SI-U2SA-1 12363	VICKERS-SIMMS		435234 22 M-09V															
SAFETY INJ. SI003A LOW HEAD INJ T O RCS CL FROM RHR PUMP 1B-SB	SPECIALT IES RESTR OR FIC 6	2SI-U3SB-1 12361	VICKERS-SIMMS		435234 21 M-09V															
SAFETY INJ. SI003A LOW HEAD INJ T O RCS CL FROM RHR PUMP 1B-SB	SPECIALT IES RESTR OR FIC10	2SI-U4SA-1 12362	VICKERS-SIMMS		435234 22 M-09V															
SAFETY INJ. SI003A BI RECIRC PUMP RECIRC LINE T O BNS RHT	SPECIALT IES ORIFICE 1	3SI-U1SN-1 05927 NA	WESTINGH'S E WESTINGH'S E GEN-230	AB11 PIPE 216	NSSS ORFL SD325	ASME SECT III		D											NA	QUALIFIED AS PART OF P PING

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1377
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STOS	Q	I												
SAFETY INJ. SI003A BORIC ACID INJECTION TK	TANKS	1X-SAB 11727 215103	WESTINGHOUSE WESTINGHOUSE 900GAL.	AB FLOOR MTD 15.	NSSS SD215	ASME SECT III	A		N-S .11G E-W .13G VERT .33G	N-S .19G E-W .21G VERT .45G	X		D	NA		<33 HZ	<33 HZ	>33 HZ	EL.216 VPT.12 VPT.7	
SAFETY INJ. SI003A BORIC ACID INJECTION SURGE TK	TANKS	1X-SN 11728 212831	WESTINGHOUSE WESTINGHOUSE 75GAL.	FLOOR MTD	NSSS SD215	ASME SECT III	A		N-S .14G E-W .14G VERT .18G	1.0G .23G E-W .23G VERT .35G	X		D	NA		>33 HZ	>33 HZ	>33 HZ	EL.236 VPT.5 HPT.5	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS	LOAD INPUT ZPA OBE	SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q I												
SAFETY INJ. SI003A BORON INJ TK H TR WELL E	TEST POINTS TEMPERATURE TEST WELL	TW 1SI 09 34A S 00797	WESTINGHOUSE FOXBORO INSTRUMEN	AB11 PIPE MTD 216.	435002 119 A-02		B											NA	TWD934A
SAFETY INJ. SI003A BORON INJ TK H TR WELL E	TEST POINTS TEMPERATURE TEST WELL	TW 1SI 09 34B S 00798	WESTINGHOUSE FOXBORO INSTRUMEN	AB11 PIPE MTD 216.	435002 122 A-02		B											NA	TWD934B
SAFETY INJ. SI003A BORON INJ SURGE TK N.	TEST POINTS TEMPERATURE TEST WELL	TW 1SI 09 66 S 00803	WESTINGHOUSE MINCE PROD. INC F271U70	AB11 PIPE MTD 226.	435002 19A A-02		D											NA	TW966

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST PEP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
SAFETY INJ. SI003A RHRS HX OUT FLOW CNTL VA 2 RH-E501SN -1	VALVES HAND VALVE,DAMPER	HCV 1RH06 C3A S 00218	WESTINGH'S E FISHER-CONTROLS 108A74D	AB21 IN LINE 236.	435002 A-72	IEEE-344-75	B											NA	HCV603A
SAFETY INJ. SI003A RHRS HX OUT FLOW CNTL VA 2 RH-B500SN -1	VALVES HAND VALVE,DAMPER	HCV 1RH06 C3B S 00705	WESTINGH'S E FISHER-CONTROLS 108A74D	AB21 IN LINE 236.	435002 A-72	IEEE-344-75												NA	HCV603B
SAFETY INJ. SI003A BIT OUTLET TO RCS LOOP 1 CL	VALVES CHECK 2	1SI-V17SA -1 05843 SA-479287	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	CB11 PIPE MTD 221.	435057 002 M-36R 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIT OUTLET TO RCS LOOP 2 CL	VALVES CHECK 2	1SI-V23SB -1 05849 SA-479287	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	CB11 PIPE MTD 221.	435057 002 M-36R 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIT OUTLET TO RCS LOOP 3 CL	VALVES CHECK 2	1SI-V29SA -1 05855 SA-479287	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	CB11 PIPE MTD 221.	435057 002 M-36R 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON LINE 1SI2-18SA-1	VALVES PCKLESS GLO 1	1SI-V308S A-1 06098 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB11 PIPE MTD 221	435092 001 M-69 50-M69 1-20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: HCV 1RH06C3A S ----1SI-V309SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1380
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A DRAIN ON LINE 1SI2-18SA-1	VALVES PCKLESS GLO 1	1SI-V309S A-1 06099 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB11 PIPE MTD 221	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRN ON LINE 1SI2-22SB	VALVES PCKLESS GLO 1	1SI-V310S B-1 06100 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB11 PIPE MTD 221	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRN ON LINE 1SI2-22SB	VALVES PCKLESS GLO 1	1SI-V311S B-1 06101 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB11 PIPE MTD 221	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON LINE 1SI2-26SA-1	VALVES PCKLESS GLO 1	1SI-V312S A-1 06102 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB11 PIPE MTD 221	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON LINE 1SI2-26SA-1	VALVES PCKLESS GLO 1	1SI-V313S A-1 06103 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB11 PIPE MTD 221	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SIS RES HX TO RCS LOOP 1 CL TC	VALVES PCKLESS GLO 1	1SI-V314S A-1 05955 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 1SI-V309SA-1 ----1SI-V315SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SIOO3A	VALVES	1SI-V315S B-1 05953	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 001 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SIS RES HX TO RCS LOOP 2 CL TC	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	236	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SIOO3A	VALVES	1SI-V316S A-1 05951	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 001 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SIS RES HX TO RCS LOOP 3 CL TC	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	236	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SIOO3A	VALVES	1SI-V317S A-1 05957	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 001 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SIS RES HX TO RCS LOOP 1 HL TC	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	236	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SIOO3A	VALVES	1SI-V318S B-1 05959	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 001 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SIS RES HX TO RCS LOOP 2 HL TC	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	236	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SIOO3A HIGH HEAD INJ TO RCS HL TC	VALVES PCKLESS GLO 1	1SI-V319S A-1 05961 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SIOO3A DRAIN ON LINE 1SI12-161SA	VALVES PCKLESS GLO 1	1SI-V322S A-1 06106 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 1SI-V315SB-1 ----1SI-V323SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A DRAIN ON LINE 1SI12-161SA	VALVES PCKLESS GLO 1	1SI-V323S A-1 06107 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON LINE 1SI12-162SB	VALVES PCKLESS GLO 1	1SI-V324S B-1 06108 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON LINE 1SI12-162SB	VALVES PCKLESS GLO 1	1SI-V325S B-1 06109 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON LINE 1SI12-163SA	VALVES PCKLESS GLO 1	1SI-V326S A-1 06110 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	PIPE MTD	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON LINE 1SI12-163SA	VALVES PCKLESS GLO 1	1SI-V327S A-1 06111 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	PIPE MTD	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL LOOP 1	VALVES CHECK 2	1SI-V39SA -1 05864 SA-479287	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 06T1	CB21 PIPE MTD 235.	435057 002 M-35R 50-M34 R-20	ASME SECT III 71ED SUM 73ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 1SI-V323SA-1 ----1SI-V45SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STOS	Q	I												
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL LOOP 2	VALVES CHECK 2	1SI-V45SB -1 05870 SA-479287	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	CB21 PIPE MTD 236.	435057 002 M-368 50-436 R-20	ASME SECT III 71ED SUM 73ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SIS RES HX TO RCS LOOP 1 CL E	VALVES CHECK 6	1SI-V507S A-1 06049 162148	WESTINGH'S E WESTINGH'S MOD-C6001 CS99C00020	CB21 PIPE MTD 236	NSSS 3998 SD220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6C88 ACTIRE VLV
SAFETY INJ. SI003A SIS RES HX TO RCS LOOP 2 CL E	VALVES CHECK 6	1SI-V508S B-1 06047 162148	WESTINGH'S E WESTINGH'S MOD-C6001 CS99C00020	CB21 PIPE MTD 236	NSSS 3998 SD220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6C88 ACTIRE VLV
SAFETY INJ. SI003A SIS RES HX TO RCS LOOP 3 CL E	VALVES CHECK 6	1SI-V509S A-1 06045 162148	WESTINGH'S E WESTINGH'S MOD-C6001 CS99C00020	CB21 PIPE MTD 236	NSSS 3998 SD220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6C88 ACTIRE VLV
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL LOOP 3	VALVES CHECK 2	1SI-V51SA -1 05875 SA-479287	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	CB21 PIPE MTD 236.	435057 002 M-368 50-436 R-20	ASME SECT III 71ED SUM 73ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SIS RES HX TO RCS HL LOOP 1 E	VALVES CHECK 6	1SI-V510S A-1 05921 162148	WESTINGH'S E WESTINGH'S MOD-C6001 CS99C00020	CB21 PIPE MTD 236	NSSS 3998 SD220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6C88 ACTIRE VLV

TAGS INCLUDED: 1SI-V45SB-1 ----1SI-V511SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A SIS RES HX TO RCS HL LOOP 2 E	VALVES CHECK 6	1SI-V511S B-1 05919 162148	WESTINGH'S E WESTINGH'S E MOD-C6001 CS99000020	CB21 PIPE MTD 236	NSSS 8993 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6C88 ACTIRE VLV
SAFETY INJ. SI003A SIS RES HX TO RCS HL LOOP 1 E	VALVES CHECK 6	1SI-V512S A-1 05922 162148	WESTINGH'S E WESTINGH'S E MOD-C6001 CS99000020	CB21 PIPE MTD 236	NSSS 8993 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6C88 ACTIRE VLV
SAFETY INJ. SI003A SIS RES HX TO RCS HL LOOP 2 E	VALVES CHECK 6	1SI-V513S B-1 05920 162148	WESTINGH'S E WESTINGH'S E MOD-C6001 CS99000020	CB21 PIPE MTD 236	NSSS 8993 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6C88 ACTIRE VLV
SAFETY INJ. SI003A HIGH HEAD INJ OUTLET HEADER TO ECS HL	VALVES CHECK 6	1SI-V514S A-1 06083 162148	WESTINGH'S E WESTINGH'S E MOD-C6001 CS99000020	CB21 PIPE MTD 236	NSSS 8993 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6C88 ACTIRE VLV
SAFETY INJ. SI003A ACCUM 1A-SA IN J LINE TO RCS CL EOOP 1	VALVES CHECK 12	1SI-V544S A-1 05976 162148	WESTINGH'S E WESTINGH'S E MOD-12001 CS88000020	CB21 PIPE MTD 236	NSSS 8956 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12C88 ACTIRE VLV
SAFETY INJ. SI003A ACCUM 1B-SB IN J LINE TO RCS CL EOOP 2	VALVES CHECK 12	1SI-V545S B-1 05978 162148	WESTINGH'S E WESTINGH'S E MOD-12001 CS88000020	CB21 PIPE MTD 236	NSSS 8956 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12C88 ACTIRE VLV

TAGS INCLUDED: 1SI-V511SB-1 ----1SI-V546SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A ACCUM TK 1C-SA INJ LINE TO R CS EL LOOP 3	VALVES CHECK 12	1SI-V546S A-1 05989 162148	WESTINGH'S E WESTINGH'S E MOD-12001 CS88000020	CB21 PIPE MTD 236	NSSS 8955 SD220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12C88 ACTIRE VLV
SAFETY INJ. SI003A ACCUM 1A-SA IN J LINE TO RCS CL EOOP 1	VALVES CHECK 12	1SI-V547S A-1 05977 162148	WESTINGH'S E WESTINGH'S E MOD-12001 CS88000020	CB21 PIPE MTD 236	NSSS 8948 SD220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12C88 ACTIRE VLV
SAFETY INJ. SI003A ACCUM 1B-SB IN J LINE TO RCS CL EOOP 2	VALVES CHECK 12	1SI-V548S B-1 05979 162148	WESTINGH'S E WESTINGH'S E MOD-12001 CS88000020	CB21 PIPE MTD 236	NSSS 8948 SD220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12C88 ACTIRE VLV
SAFETY INJ. SI003A ACCUM TK 1C-SA INJ LINE TO R CS EL LOOP 3	VALVES CHECK 12	1SI-V549S A-1 05981 162148	WESTINGH'S E WESTINGH'S E MOD-12001 CS88000020	CB21 PIPE MTD 236	NSSS 8948 SD220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12C88 ACTIRE VLV
SAFETY INJ. SI003A SIS RES HX TO RCS LOOP 1 CL	VALVES CHECK 6	1SI-V584S A-1 06050 162148	WESTINGH'S E WESTINGH'S E MOD-06001 CS99000020	CB21 PIPE MTD 236	NSSS 8973 SD220	ASME SECT III	A			2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6C88 ACTIVE VLV
SAFETY INJ. SI003A SIS RES HX TO RCS LOOP 2 CL E	VALVES CHECK 6	1SI-V585S B-1 06048 15148	WESTINGH'S E WESTINGH'S E MOD-06001 CS99000020	CB21 PIPE MTD 236	NSSS 8973 SD220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6C88 ACTIRE VLV

TAGS INCLUDED: 1SI-V546SA-1 ----1SI-V586SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REVV- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A SIS RES HX TO RCS LOOP 2 CL E	VALVES CHECK 6	1SI-V586S A-1 06046 15148	WESTINGH'S E WESTINGH'S E MOD-06001 CS99000020	CB21 PIPE MTD 236	NSSS 8973 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6C88 ACTIRE VLV
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS LOOP 1 CL	VALVES CHECK 2	1SI-V63SA -1 05899 SA-479287	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	CB21 PIPE MTD 235.	435057 002 M-36R 50-436 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SIS RES HX TO RCS LOOP 3 CL TC	VALVES PCKLESS GLO 1	1SI-V65SA -1 05950 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS LOOP 2 CL	VALVES CHECK 2	1SI-V69SB -1 05893 SA-479287	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	CB21 PIPE MTD 236.	435057 002 M-36R 50-436 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SIS RES HX TO RCS LOOP 2 CL TC	VALVES PCKLESS GLO 1	1SI-V73SB -1 05952 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS LOOP 3 CL	VALVES CHECK 2	1SI-V75SA -1 05887 SA-479287	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	CB21 PIPE MTD 236.	435057 002 M-36R 50-436 R-20	ASME SECT III 71ED SUM 73ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 1SI-V586SA-1 ----1SI-V81SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
SAFETY INJ. SI003A SIS RES HX TO RCS LOOP 1 CL TC	VALVES PCKLESS GLO 1	1SI-V81SA -1 05954 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL LOOP 1	VALVES CHECK 2	1SI-V84SA -1 05906 SA-479287	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	CB21 PIPE MTD 236.	435057 002 M-36R 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SIS RES HX TO RCS LOOP 1 HL TC	VALVES PCKLESS GLO 1	1SI-V87SA -1 05956 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL LOOP 2	VALVES CHECK 2	1SI-V90SB -1 05912 SA-479287	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	CB21 PIPE MTD 236.	435057 002 M-36R 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SIS RES HX TO RCS LOOP 2 HL TC	VALVES PCKLESS GLO 1	1SI-V93SB -1 05958 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236	435092 001 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL LOOP 3	VALVES CHECK 2	1SI-V96SA -1 05918 SA-479287	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	CB21 PIPE MTD 236.	435057 002 M-36R 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 1SI-V81SA-1 ----1SI-V98SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL TC	VALVES PCKLESS GLO 1	1SI-V98SA -1 12360	KEROTEST MANUFACTU		435092 11 M-69															
SAFETY INJ. SI003A SUCTION LINE T O RHR PUMP 1A-SA FROM CONTAI	VALVES METAL EX P J18	2SI-J1SA-1 06027	TUBE TURNS INC TUBE TURNS ,INC 18-CMU-F6W	AB01 PIPE MTD 193.	435006 080 M-54 50-M54 -20	ASME SECT III 71ED SUMM 73ADD	B	B			X									REPORT EXPECTED BY 9-84
SAFETY INJ. SI003A SUCTION LINE T O RHR PUMP 1B-SB FROM CONTAI	VALVES METAL EX P J18	2SI-J2SB-1 06030	TUBE TURNS INC TUBE TURNS ,INC 18-CMU-F6W	AB01 PIPE MTD 193.	435006 080 M-54 50-M54 -20	ASME SECT III 71ED SUMM 73ADD	B	B			X									REPORT EXPECTED BY 9-84
SAFETY INJ. SI003A BIT RECIR TO 2 SI-R500SN-1 E	VALVES RELIEF 3/4	2SI-R500S N-1 05949 183414	WESTINGH'S E CROSBY JMAK	AB11 PIPE MTD 216	NSSS 8925 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4RV78SW R
SAFETY INJ. SI003A ACCUM TANK 1A-SA RELIEF VALV E CMNNECTION	VALVES RELIEF 1	2SI-R511S A-1 05988 183414	WESTINGH'S E CROSBY JO-45	CB31 PIPE MTD 261	NSSS 8855 S0220	ASME SECT III	A	C		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1RV76DGS
SAFETY INJ. SI003A ACCUM TANK 1B-SB RELIEF VALV E CMNNECTION	VALVES RELIEF 1	2SI-R512S B-1 05989 183414	WESTINGH'S E CROSBY JO-45	CB31 PIPE MTD 261	NSSS 8855 S0220	ASME SECT III	A	C		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1RV76DGS

TAGS INCLUDED: 1SI-V98SA-1 ----2SI-R513SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A	VALVES	2SI-R513S A-1 05990	WESTINGH'S E CROSBY	CB31 PIPE MTD	NSSS 8855 S0220	ASME SECT III	A	C		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1RV76DGS
ACCUM TK 1C-SA RELIEF VALVE CONNECTION	RELIEF 1	183414	JO-45	261																
SAFETY INJ. SI003A INLET TO RELIE F VA ON LOW HE AD MNS TO RCS	VALVES	2SI-R520S B-1 06039	WESTINGH'S E CROSBY	AB21 PIPE MTD	NSSS 8864 S0220	ASME SECT III	A	C		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4RV74 SWB
	RELIEF 3/4	183414	JRAK-BS	236																
SAFETY INJ. SI003A LOW HEAD INJ T O RCS CL INLET TO EELIEF VALV	VALVES	2SI-R521S A-1 06041	WESTINGH'S E CROSBY	AB21 PIPE MTD	NSSS 8864 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4RV74 SWB R
	RELIEF 3/4	183414	JRAK-BS	236																
SAFETY INJ. SI003A LOW HEAD INJ T O RCS HL INLET TO EELIEF VALV	VALVES	2SI-R522S A-1 06040	WESTINGH'S E CROSBY	AB21 PIPE MTD	NSSS 8865 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4RV74 SWB R
	RELIEF 3/4	183414	JRAK-BS	236																
SAFETY INJ. SI003A HIGH HEAD INJ TO 1-FT 943 E	VALVES	2SI-V1SA-1 05876	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB21 PIPE MTD	435092 004 M-69 S0-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
	PCKLESS GLO 3/4	KSAR-M69		236																
SAFETY INJ. SI003A BIT RECIRC LIN E VENT	VALVES	2SI-V101SN -1 05836	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB11 PIPE MTD	435092 004 M-69 S0-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	PCKLESS GLO 3/4	KSAR-M69		216																

TAGS INCLUDED: 2SI-R513SA-1 ----2SI-V101SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TYM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A BI RECIRC PUMP S DISCHARGE	VALVES CHECK 1	2SI-V101S N-1 05938 SA-479290	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	AB11 PIPE MTD 216.	435057 004 M-358 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BI RECIRC PUMP S DISCHARGE	VALVES PCKLESS GLO 1	2SI-V102S N-1 05939 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	AB11 PIPE MTD 216.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BI RECIRC PUMP 1B-SN DISCHARGE	VALVES PCKLESS GLO 1	2SI-V103S N-1 05936 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	AB11 PIPE MTD 216.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BI RECIRC PUMP 1B-SN DISCHARGE	VALVES CHECK 1	2SI-V104S N-1 05937 SA-479290	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T1	AB11 PIPE MTD 216.	435057 004 M-358 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BI RECIRC PUMP S DISCHARGE TO RECIRC LINE	VALVES PCKLESS GLO 1	2SI-V105S N-1 05941 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	AB11 PIPE MTD 216.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIT RECIRC LINE VENT	VALVES PCKLESS GLO 3/4	2SI-V11SN -1 05837 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB11 PIPE MTD 216	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR. 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V101SN-1 ----2SI-V116SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I					S/D							
SAFETY INJ. SI003A SUCTION LINE OF RHR PUMP 1B-SB TO DRAIN	VALVES PCKLESS GLO 3/4	2SI-V116S B-1 06C79 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SUCTION LINE OF RHR PUMP 1B-SB TO DRAIN	VALVES PCKLESS GLO 3/4	2SI-V117S B-1 06C80 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SUCTION LINE OF RHR PUMP 1A-SA TO DRAIN	VALVES PCKLESS GLO 3/4	2SI-V118S A-1 06C81 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SUCTION LINE OF RHR PUMP 1A-SA TO DRAIN	VALVES PCKLESS GLO 3/4	2SI-V119S A-1 06C82 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB01 PIPE MTD 190	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAPS ON HIGH HEAD INJ BRANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V12SA -1 05838 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB11 PIPE MTD 221	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAPS ON HIGH HEAD INJ BRANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V14SA -1 05840 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB11 221	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V116SB-1 ----2SI-V15SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL TV E	VALVES PCKLESS GLO 1	2SI-V155A -1 05923 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236	435092 007 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAFETY INJ. SI003A INLET HEADER TO ACCUM TANK	VALVES CHECK 1	2SI-V150S B-1 05971 SA-479290	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F3 16T2	CB21 PIPE MTD 236.	435057 004 M-35R 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1A-SA OUTLET TO PT-923 AND LT 9	VALVES PCKLESS GLO 2	2SI-V151S A-1 05982 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB31 PIPE MTD 261.	435092 007 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1A-SA OUTLET TO PT-923 & LT 92	VALVES PCKLESS GLO 2	2SI-V152S A-1 06134 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB31 PIPE MTD 261.	435092 007 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1B-SB OUTLET TO PT-927 AND LT-9	VALVES PCKLESS GLO 2	2SI-V153S B-1 05984 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB31 PIPE MTD 261.	435092 007 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1B-SB OUTLET TO PT-927 & LT 92	VALVES PCKLESS GLO 2	2SI-V154S B-1 06138 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB31 PIPE MTD 261.	435092 007 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V155SA-1 ----2SI-V155SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A	VALVES	2SI-V155S A-1 05986	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 007 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TK 1C-SA OUTLET TO PT-931 AND LT 930	PCKLESS GLO 2	KSAR-M69	MANUFACTU 9909	261.	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V156S A-1 06142	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 007 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TANK 1C-SA OUTLET TO PT-931 & LT930	PCKLESS GLO 2	KSAR-M69	MANUFACTU 9909	261.	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V157S A-1 05983	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 007 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TANK 1A-SA OUTLET TO PT-921 AND LT-9	PCKLESS GLO 2	KSAR-M69	MANUFACTU 9909	261.	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V158S A-1 06146	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 007 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TANK 1A-SA OUTLET TO PT-921 & LT-92	PCKLESS GLO 2	KSAR-M69	MANUFACTU 9909	261.	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V159S B-1 05985	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 007 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TANK 1B-SB OUTLET TO PT-925 AND LT-9	PCKLESS GLO 2	KSAR-M69	MANUFACTU 9909	261.	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V160S B-1 06149	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 007 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TANK 1B-SB OUTLET TO PT-425&LT 924	PCKLESS GLO 2	KSAR-M69	MANUFACTU 9909	261.	50-M69 -20	74ED SUM 76ADD			VERT	VERT										

TAGS INCLUDED: 2SI-V155SA-1 ----2SI-V161SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SIOC3A	VALVES	2SI-V161S A-1 05987	KEROTEST MFTR . KEROTEST	CB31 PIPE MTD	435092 007 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TK 1C-SA OUTLET TO PT-929 & LT-928	PCKLESS GLO 2	KSAR-M69	MANUFACTU 9909	261.	59-M69 -20	74ED SUM 76ADD														
SAFETY INJ. SIO03A	VALVES	2SI-V162S A-1 06153	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 007 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TANK 1C-SA OUTLET PT-929&LT928	PCKLESS GLO 2	KSAR-M69	MANUFACTU 9909	261.	59-M69 -20	74ED SUM 76ADD														
SAFETY INJ. SIO03A	VALVES	2SI-V163S A-1 05991	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TANK 1A-SA VENT	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	261	59-M69 -20	74ED SUM 76ADD														
SAFETY INJ. SIO03A	VALVES	2SI-V164S A-1 05992	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TANK 1A-SA VENT	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	261	59-M69 -20	74ED SUM 76ADD														
SAFETY INJ. SIO03A	VALVES	2SI-V165S B-1 05993	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TANK 1B-SB VENT	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	261	59-M69 -20	74ED SUM 76ADD														
SAFETY INJ. SIO03A	VALVES	2SI-V166S B-1 05994	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TANK 1B-SB VENT	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	261	59-M69 -20	74ED SUM 76ADD														

TAGS INCLUDED: 2SI-V161SA-1 ----2SI-V167SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A	VALVES	2SI-V167S A-1 05995	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TK 1C-SA VENT	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	261	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V168S A-1 05996	KEROTEST MFTR KEROTEST	CB31 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM TK 1C-SA VENT	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	261	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V169S A-1 06006	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING CONN FROM ACCUM TK 1A-SA	PCKLESS GLO 3/4	KSAR-M69	MANUFACTU 9954	236	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V170S B-1 06007	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING CONN FROM ACCUM TK 1B-SB	PCKLESS GLO 3/4	KSAR-M69	MANUFACTU 9954	236	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V171S A-1 06004	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 007 M-69	ASME SECT III	A	C	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM 1C-SA TO WPS RCDT PUMP S	PCKLESS GLO 2	KSAR-M69	MANUFACTU 9909	234.	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V172S A-1 06000	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 007 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
ACCUM 1A-SA TO WPS RCDT PUMP S	PCKLESS GLO 2	KSAR-M69	MANUFACTU 9909	234.	50-M69 -20	74ED SUM 76ADD			VERT	VERT										

TAGS INCLUDED: 2SI-V167SA-1 ----2SI-V173SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A ACCUM 1B-SB TO WPS RCDT PUMPS	VALVES PCKLESS GLO 2	2SI-V173SB-1 06002 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236.	435092 007 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM 1C-SA TO WPS RCDT PUMPS	VALVES PCKLESS GLO 2	2SI-V174SA-1 06005 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236.	435092 007 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAPS ON HIGH HEAD INJ BRANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V188SB-1 05844 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB11 PIPE MTD 221	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A N2 SUPPLY HEADER	VALVES CHECK 1	2SI-V188SA-1 06017 SA-479290	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.3674F 316T2	CB21 PIPE MTD 236.	435057 004 M-368 50-M368 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM 1A-SA TO WPS RCDT PUMPS	VALVES PCKLESS GLO 2	2SI-V189SA-1 06001 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236	435092 007 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ OUTLET HEADER TO RCS HL TV	VALVES PCKLESS GLO 1	2SI-V19SB-1 05925 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB11 PIPE MTD 216.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V173SB-1 ----2SI-V191SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I												
SAFETY INJ. SI003A ACCUM 1B-SB TO WPS RCDT PUMP S	VALVES PCKLESS GLO 2	2SI-V191S B-1 06003 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9909	CB21 PIPE MTD 236.	435092 007 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A TC ON INLET HEADER TO ACCUM	VALVES PCKLESS GLO 1	2SI-V194S B-1 06019 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A TC ON INLET HEADER TO ACCUM	VALVES PCKLESS GLO 1	2SI-V195S B-1 06020 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO 1-FT 943 E	VALVES PCKLESS GLO 3/4	2SI-V2SA-1 05877 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAFETY INJ. SI003A HIGH HEAD INJ OUTLET HEADER TO RCS HL TV	VALVES PCKLESS GLO 1	2SI-V20SB -1 05926 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB11 PIPE MTD 216.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A TC ON N2 SUPPLY HEADER	VALVES GLOBE 1	2SI-V200S A-1 06021 952677-02	YARWAY YARWAY 55158-SA 105	CB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V191SB-1 ----2SI-V201SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A TC ON N2 SUPPLY HEADER	VALVES GLOBE 1	2SI-V201SA-1 06022 952677-02	YARWAY YARWAY 5515B-SA 105	CB21 PIPE MTD 236	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SAMPLING CONN FROM ACCUM TK 1C-SA	VALVES PCKLESS GLO 3/4	2SI-V208SA-1 06008 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAPS ON HIGH HEAD INJ BRANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V21SB-1 05846 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB11 PIPE MTD 221	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAPS ON HIGH HEAD INJ BRANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V25SA-1 05851 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	CB11 PIPE MTD 221	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A TC ON LOW HEAD INJ TO RCS HL	VALVES PCKLESS GLO 1	2SI-V254SA-1 06055 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A TC ON LOW HEAD INJ TO RCS HL	VALVES PCKLESS GLO 1	2SI-V255SA-1 06056 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V201SA-1 ----2SI-V256SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A	VALVES	2SI-V256S A-1 06057	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
TC ON VA 2SI-V 257SA-1 ON LOW HEAD INJ TO RC	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	236.	50-M69 -20	74ED SUM 76ADD														
SAFETY INJ. SI003A	VALVES	2SI-V257S A-1 06058	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
TC ON VA 2SI-V 257SA-1 ON LOW HEAD INJ TO RC	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	236.	50-M69 -20	74ED SUM 76ADD														
SAFETY INJ. SI003A	VALVES	2SI-V258S B-1 06059	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
TC ON VA 2SI-V 578SB-1 TO RCS CL FROM RHR PU	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	236.	50-M69 -20	74ED SUM 76ADD														
SAFETY INJ. SI003A	VALVES	2SI-V259S B-1 06060	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
TC ON VA 2SI-V 578SB-1 TO RCS CL FROM RHR PU	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	236.	50-M69 -20	74ED SUM 76ADD														
SAFETY INJ. SI003A	VALVES	2SI-V26SA -1 05853	KEROTEST MFTR KEROTEST	CB11 PIPE MTD	435092 004 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	PCKLESS GLO 3/4	KSAR-M69	MANUFACTU 9954	221	50-M69 -20	74ED SUM 76ADD														
SAFETY INJ. SI003A	VALVES	2SI-V263S A-1 06061	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 005 M-69	ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
TC ON LOW HEAD INJ TO RCS CL FROM RHR PUMO	PCKLESS GLO 1	KSAR-M69	MANUFACTU 9915	236.	50-M69 -20	74ED SUM 76ADD														

TAGS INCLUDED: 2SI-V256SA-1 ----2SI-V264SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A TC ON LOW HEAD INJ TO RCS CL FROM RHR PUMP	VALVES PCKLESS GLO 1	2SI-V264S B-1 06063 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A TV ON LOW HEAD INJ TO RCS CL FROE RHR PUMP	VALVES PCKLESS GLO 1	2SI-V266S A-1 06065 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAFETY INJ. SI003A TV ON LOW HEAD INJ TO RCS CL FROE RHR PUMP	VALVES PCKLESS GLO 1	2SI-V267S A-1 06066 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAFETY INJ. SI003A TV ON LOW HEAD INJ TO RCS HL	VALVES PCKLESS GLO 1	2SI-V269S AB-1 06053 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SI VALVE CHAMBER TO EQUIPMENT DRAIN	VALVES GLOBE 1	2SI-V278S A-1 06067 952677-02	YARWAY YARWAY 5515B-F316	AB01 PIPE MTD 193.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SI VALVE CHAMBER TO EQUIPMENT DEAIN	VALVES GLOBE 1	2SI-V279S A-1 06068 952677-02	YARWAY YARWAY 5515B-F316	AB01 PIPE MTD 193.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2SI-V264SB-1 ----2SI-V280SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
SAFETY INJ. SI003A	VALVES	2SI-V280S B-1 06069	YARWAY YARWAY	AB01 PIPE MTD	435056 009 M-36Y	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SI VALVE CHAMBER 1B-SB TO EQUIPEENT DRAIN	GLOBE 1	952677-02	5515B-F316	190.	50-M36 Y-20	74ED WINTR 76ADD			VERT	VER										
SAFETY INJ. SI003A	VALVES	2SI-V281S B-1 06070	YARWAY YARWAY	AB01 PIPE MTD	435056 009 M-36Y	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SI VALVE CHAMBER 1B-SB TO EQUIPEENT DRAIN	GLOBE 1	952677-02	5515B-F316	190.	50-M36 Y-20	74ED WINTR 76ADD			VERT	VER										
SAFETY INJ. SI003A TV ON SUCTION LINE TO RHR PUMP FROM CONTAI	VALVES PCKLESS GLO 1	2SI-V282S B-1 06075 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB01 PIPE MTD 190.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A TV ON SUCTION LINE TO RHR PUMP FROM CONTAI	VALVES PCKLESS GLO 1	2SI-V283S B-1 06076 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB01 PIPE MTD 190.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A TV ON SUCTION LINE TO RHR PUMP FROM CONTAI	VALVES PCKLESS GLO 1	2SI-V284S A-1 06071 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB01 PIPE MTD 190.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A TV ON SUCTION LINE TO RHR PUMP FROM CONTAI	VALVES PCKLESS GLO 1	2SI-V285S A-1 06072 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB01 PIPE MTD 190.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V280SB-1 ----2SI-V289SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A TV ON LOW HEAD INJ TO RCS HLE	VALVES PCKLESS GLO 1	2SI-V289S AB-1 06054 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAFETY INJ. SI003A VENT ON LOW HEAD INJ TO RCS HOTELEG	VALVES PCKLESS GLO 1	2SI-V290S AB-1 06084 KSAR-M69	KEROTEST MFTP KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAFETY INJ. SI003A VENT ON LOW HEAD INJ TO RCS HOTELEG	VALVES PCKLESS GLO 1	2SI-V291S AB-1 06085 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAFETY INJ. SI003A DRAIN ON LOW HD INJ TO RCS COLDELEG	VALVES PCKLESS GLO 1	2SI-V292S A-1 06086 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	S			>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 8G74 R
SAFETY INJ. SI003A DRAIN ON LOW HD INJ TO RCS COLDELEG	VALVES PCKLESS GLO 1	2SI-V293S A-1 06087 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	S			>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 8G74 R
SAFETY INJ. SI003A DRAIN ON LOW INJ TO RCS COLDLEGE	VALVES PCKLESS GLO 1	2SI-V294S B-1 06088 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2SI-V289SAB-1 ----2SI-V295SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A DRAIN ON LOW INJ TO RCS COLD LEGE	VALVES PCKLESS GLO 1	2SI-V295S B-1 06089 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL TV AND DRAIN	VALVES PCKLESS GLO 1	2SI-V297S A-1 06090 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB01 PIPE MTD 190.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL TV AND ERAIN	VALVES PCKLESS GLO 1	2SI-V298S A-1 06091 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAFETY INJ. SI003A DRAIN ON 2SI3-50SA-1 OUTSIDE CONEAIN BLDG	VALVES PCKLESS GLO 1	2SI-V299S A-1 06092 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAFETY INJ. SI003A BIT INLET TO DRAIN HEADER	VALVES PCKLESS GLO 3/4	2SI-V3SA-1 05829 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9954	AB11 PIPE MTD 214.	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON 2SI3-50SA-1 OUTSIDE CONEAIN BLDG	VALVES PCKLESS GLO 1	2SI-V300S A-1 06093 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2SI-V295SB-1 ----2SI-V301SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A DRAIN ON 2SI3-50SA-1 INSIDE CONTAIN BLDG	VALVES PCKLESS GLO 1	2SI-V301S A-1 06094 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON 2SI3-50SA-1 INSIDE CONTAIN BLDG	VALVES PCKLESS GLO 1	2SI-V302S A-1 06095 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIT BYPASS TEST VENT	VALVES PCKLESS GLO 1	2SI-V303S B-1 05965 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	AB11 PIPE MTD 216.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A TC TO HIGH HEAD INJ RCS HL	VALVES PCKLESS GLO 1	2SI-V31SA -1 05857 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A TC TO HIGH HEAD INJ RCS HL	VALVES PCKLESS GLO 1	2SI-V32SA -1 05858 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 236	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON LINE 2SI2-76SA	VALVES PCKLESS GLO 1	2SI-V320S A-1 06104 KSAR-M69	KEROTEST MFTR KEROTEST MANUFACTU 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V301SA-1 ----2SI-V321SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #															
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V337S B-1 05910 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V338S B-1 05908 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V339S A-1 05904 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL TC	VALVES PCKLESS GLO 1	2SI-V340SB -1 05966 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB11 PIPE MTD 221.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V340S A-1 05902 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V341S A-1 05874 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V337SB-1 ----2SI-V342SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	ELDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SIU03A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES	2SI-V342S A-1 05872	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	236	50-M69 -20															
SAFETY INJ. SIU03A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES	2SI-V343S B-1 05868	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	PCKLESS GLO 3/4	KSAR-M69	MFTR	236	50-M69 -20															
SAFETY INJ. SIU03A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES	2SI-V344S B-1 05866	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	236	50-M69 -20															
SAFETY INJ. SIU03A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES	2SI-V345S A-1 05863	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	236	50-M69 -20															
SAFETY INJ. SIU03A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES	2SI-V346S A-1 05861	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	236	50-M69 -20															
SAFETY INJ. SIU03A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES	2SI-V347S A-1 05886	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	236	50-M69 -20															

TAGS INCLUDED: 2SI-V342SA-1 ----2SI-V348SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS		OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q I												
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V348S A-1 05884 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V349S B-1 05891 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V350SA -1 05860 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V350S B-1 05889 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V351S A-1 05898 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V352S A-1 05896 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V348SA-1 ----2SI-V353SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A	VALVES	2SI-V353S A-1 05854	KEROTEST MFTR KEROTEST	CB11 PIPE MTD	435092 004 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	221	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V354S A-1 05852	KEROTEST MFTR KEROTEST	CB11 PIPE MTD	435092 004 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FLOW TAPS ON H IGH HEAD INJ B RANCH LINES TO	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	221	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V355S B-1 05847	KEROTEST MFTR KEROTEST	CB11 PIPE MTD	435092 004 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 3G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FLOW TAPS ON H IGH HEAD INJ B RANCH LINES TO	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	221	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V356S B-1 05845	KEROTEST MFTR KEROTEST	CB11 PIPE MTD	435092 004 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FLOW TAPS ON H IGH HEAD INJ B RANCH LINES TO	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	221	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V357S A-1 05841	KEROTEST MFTR KEROTEST	CB11 PIPE MTD	435092 004 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 3G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FLOW TAPS ON H IGH HEAD INJ B RANCH LINES TO	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	221	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V358S A-1 05839	KEROTEST MFTR KEROTEST	CB11 PIPE MTD	435092 004 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 3G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FLOW TAPS ON H IGH HEAD INJ B RANCH LINES TO	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	221	50-M69 -20	74ED SUM 76ADD			VERT	VERT										

TAGS INCLUDED: 2SI-V353SA-1 ----2SI-V36S8-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT.	MOUNT	SPEC	STOS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SQRT #		Q	I												
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL TC	VALVES PCKLESS GLO 1	2SI-V36SB -1 05967 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB11 PIPE MTD 221.	435092 105 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V37SA -1 05862 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SUMP RECIRCULA TION LINE TEST VENN	VALVES GLOBE 1	2SI-V383S B-1 06112 952677-02	YARWAY YARWAY 5515B-F316	AB01 PIPE MTD 190.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SUMP RECIRCULA TION LINE TEST VENN	VALVES GLOBE 1	2SI-V384S B-1 06113 952677-02	YARWAY YARWAY 5515B-F316	AB01 PIPE MTD 190.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A SUMP RECIRCULA TION LINE TEST VENE	VALVES GLOBE 1	2SI-V385S A-1 06114 952677-02	YARWAY YARWAY 5515B-F316	AB01 PIPE MTD 190.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAFETY INJ. SI003A SUMP RECIRCULA TION LINE TEST VENE	VALVES GLOBE 1	2SI-V386S A-1 06115 952677-02	YARWAY YARWAY 5515B-F316	AB01 PIPE MTD 190.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2SI-V36SB-1 ----2SI-V394SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A TEST CONN ON L N 2SI6-267SB	VALVES PCKLESS GLO 1	2SI-V394S B-1 06124 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A TEST CONN ON L N 2SI6-267SB	VALVES PCKLESS GLO 1	2SI-V395S B-1 06125 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS CL TC	VALVES PCKLESS GLO 1	2SI-V40SA -1 05968 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1A-SA OUTLET TO PT-923 & LT 92	VALVES PCKLESS GLO 1	2SI-V406S A-1 06133 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB31 PIPE MTD 261.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A LINE TO ACCUM TK NO 1B-SB	VALVES PCKLESS GLO 1	2SI-V407S B-1 06127 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB31 PIPE MTD 261.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1B-SB OUTLET TO PT-927 & LT 92	VALVES PCKLESS GLO 1	2SI-V408S B-1 06137 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB31 PIPE MTD 261.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V394SB-1 ----2SI-V409SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ.	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A LINE TO ACCUM TK NO 1C-SA	VALVES PCKLESS GLO 1	2SI-V409S A-1 06128 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB31 PIPE MTD 261.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V415B -1 05865 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1C-SA OUTLET TO PT-931 & LT 93	VALVES PCKLESS GLO 1	2SI-V410S A-1 06141 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB31 PIPE MTD 261.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A LINE TO ACCUM TK NO 1A-SA	VALVES PCKLESS GLO 1	2SI-V411S A-1 06129 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB31 PIPE MTD 261.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACUUM TANK 1A-SA OUTLET TO PT-921 & LT-92	VALVES PCKLESS GLO 1	2SI-V412S A-1 06145 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB31 PIPE MTD 261.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A LINE TO ACCUM TK NO 1B-SB	VALVES PCKLESS GLO 1	2SI-V413S B-1 06130 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB31 PIPE MTD 261.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V409SA-1 ----2SI-V414SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SAFETY INJ. SI003A ACCUM TANK 1B-SB OUTLET TO PT-925 & LT 92	VALVES PCKLESS GLO 1	2SI-V414S B-1 06150 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB31 PIPE MTD 261.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A LINE TO ACCUM TK NO 1C-SA	VALVES PCKLESS GLO 1	2SI-V415S A-1 06131 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB31 PIPE MTD 261.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1C-SA OUTLET PT-929&LT928	VALVES PCKLESS GLO 1	2SI-V416S A-1 06154 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB31 PIPE MTD 261.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1A-SA OUTLET TO PT-923 & LT 92	VALVES PCKLESS GLO 3/4	2SI-V417S A-1 06132 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1B-SB OUTLET TO PT-927 & LT 92	VALVES PCKLESS GLO 3/4	2SI-V418S B-1 06136 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1C-SA OUTLET TO PT-931 & LT930	VALVES PCKLESS GLO 3/4	2SI-V419S A-1 06140 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V414SB-1 ----2SI-V42SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT FLEV	PO/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SAFETY INJ. SI003A FLOW TAP ON HIGH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V42SB -1 05867 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1A-SA OUTLET PT-921&LT920	VALVES PCKLESS GLO 3/4	2SI-V420S A-1 06144 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1B-SB OUTLET TO PT-925&LT924	VALVES PCKLESS GLO 3/4	2SI-V421S B-1 06148 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1C-SA OUTLET PT-929&LT928	VALVES PCKLESS GLO 3/4	2SI-V422S A-1 06152 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1A-SA OUTLET TO PT-923 & LT 92	VALVES PCKLESS GLO 3/4	2SI-V423S A-1 06135 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1B-SB OUTLET TO PT-927 & LT 92	VALVES PCKLESS GLO 3/4	2SI-V424S B-1 06139 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A ACCUM TANK 1C-SA OUTLET TO PT-931 & LT 93	VALVES PCKLESS GLO 3/4	2SI-V425S A-1 06143 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACUUM TANK 1A-SA OUTLET PT-921 & LT-92	VALVES PCKLESS GLO 3/4	2SI-V426S A-1 06147 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1B-SB OUTLET TO PT-925 & LT 92	VALVES PCKLESS GLO 3/4	2SI-V427S B-1 06151 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ACCUM TANK 1C-SA OUTLET PT-9298LT928	VALVES PCKLESS GLO 3/4	2SI-V428S A-1 06155 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB31 PIPE MTD 261	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL LOOP DOWNSTREAM VAL	VALVES GLOBE 2	2SI-V429S A-1 05917 952677-04	YARWAY YARWAY 5515B-F316	CB21 PIPE MTD 236.	435056 003A M-34Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS CL TC	VALVES PCKLESS GLO 1	2SI-V43SA -1 05969 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB21 PIPE MTD 236.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V425SA-1 ----2SI-V430SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL LOOP DOWNSTREAM VAL	VALVES GLOBE 2	2SI-V430S B-1 05911 952677-04	YARWAY YARWAY 5515B-F316	CB21 PIPE MTD 236.	435056 0034 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL LOOP DOWNSTREAM VAL	VALVES GLOBE 2	2SI-V431S A-1 05905 952677-04	YARWAY YARWAY 5515B-F316	CB21 PIPE MTD 236.	435056 0034 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL LOOP DOWNSTREAM VAL	VALVES GLOBE 2	2SI-V432S A-1 05856 952677-04	YARWAY YARWAY 5515B-F316	CB21 PIPE MTD 236.	435056 0034 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL LOOP DOWNSTREAM VAL	VALVES GLOBE 2	2SI-V433S B-1 05869 952677-04	YARWAY YARWAY 5515B-F316	CB21 PIPE MTD 236.	435056 0034 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS HL LOOP DOWNSTREAM VAL	VALVES GLOBE 2	2SI-V434S A-1 05859 952677-04	YARWAY YARWAY 5515B-F316	CB21 PIPE MTD 236.	435056 0034 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS LOOP 3 DOWNSTREAM VAL	VALVES GLOBE 2	2SI-V435S A-1 05882 952677-04	YARWAY YARWAY 5515B-F316	CB21 PIPE MTD 236	435056 0034 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V430SB-1 ----2SI-V436SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SAFETY INJ. SI003A	VALVES	2SI-V436S B-1 05892	YARWAY YARWAY	CB21 PIPE MTD	435056 003A M-36Y	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
HIGH HEAD INJ TO RCS LOOP 2 DOWNSTREAM VAL	GLOBE 2	952677-04	5515B-F316	234.	50-M36 Y-20	74ED WINTR 76ADD			VERT	VER										
SAFETY INJ. SI003A	VALVES	2SI-V437S A-1 05894	YARWAY YARWAY	CB21 PIPE MTD	435056 003A M-36Y	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
HIGH HEAD INJ TO RCS LOOP 1 DOWESTREAM VAL	GLOBE 2	952677-04	5515B-F316	235	50-M36 Y-20	74ED WINTR 76ADD			VERT	VER										
SAFETY INJ. SI003A	VALVES	2SI-V438S A-1 05850	YARWAY YARWAY	CB11 PIPE MTD	435056 003A M-36Y	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
BIT OUTLET TO RCS LOOP 3 CL DOWNSTREAM VAL	GLOBE 2	952677-04	5515B-F316	221	50-M36 Y-20	74ED WINTR 76ADD			VERT	VER										
SAFETY INJ. SI003A	VALVES	2SI-V439S B-1 05848	YARWAY YARWAY	CB11 PIPE MTD	435056 003A M-36Y	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
BIT OUTLET TO RCS LOOP 2 CL DOWNSTREAM VAL	GLOBE 2	952677-04	5515B-F316	221.	50-M36 Y-20	74ED WINTR 76ADD			VERT	VER										
SAFETY INJ. SI003A	VALVES	2SI-V440S A-1 05842	YARWAY YARWAY	CB11 PIPE MTD	435056 003A M-36Y	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
BIT OUTLET TO RCS LOOP 1CL DOWNSTREAM VAL	GLOBE 2	952677-04	5515B-F316	221.	50-M36 Y-20	74ED WINTR 76ADD			VERT	VER										
SAFETY INJ. SI003A	VALVES	2SI-V47SA -1 05871	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 3G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	236	50-M69 -20	74ED SUM 76ADD			VERT	VERT										

TAGS INCLUDED: 2SI-V436SB-1 ----2SI-V48SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
SAFETY INJ. SI003A	VALVES	2SI-V48SB -1 05964	KEROTEST MFTR KEROTEST	PIPE MTD	435092 D? M-69	ASME SECT III	A		1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
BIT BYPASS TEST VENT	PCKLESS GLO 1	KSAR-M69	MFTR 9915		50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V49SA -1 05873	KEROTEST MFTR KEROTEST	CB21 PIPE MTD	435092 004 M-69	ASME SECT III	A	B	1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
FLOW TAP ON HIGH HEAD INJ BRANCH LINES TO	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	236	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V5SA- 1 05830	KEROTEST MFTR KEROTEST	AB11 PIPE MTD	435092 004 M-69	ASME SECT III	A		1.5G HOR 1G	3G HOR 2G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
BIT INLET TO DRAIN HEADER	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	216	50-M69 -20	74ED SUM 76ADD			VERT	VERT										
SAFETY INJ. SI003A	VALVES	2SI-V500S A-1 05881	WESTINGH'S E WESTINGH'S	AB21 PIPE MTD	NSSS 8894 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV
HIGH HEAD INJ OUTLET HEADER TO ECS HL	GATE 3	173662	E MOD-G3J01G MFN810	234.																
SAFETY INJ. SIC03A	VALVES	2SI-V500S A-1 09223	WESTINGH'S E LIMITORQUE	AB21 VLV MTD	NSSS 8894 S0220	IEEE 344-71	A	D		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3GM78FN ACTI E VLV
N	MOTOR OPERATOR	RPT#860	SMB-000	234.																
SAFETY INJ. SIOC3A	VALVES	2SI-V500S A-1 09224	WESTINGH'S E NAMCO	AB21 VLV MTD	NSSS 8894 S0220	IEEE 344-71		B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV CQL-5938
E	LIMIT SWITCH	TEST#	EA-180	234.																

TAGS INCLUDED: 2SI-V48SB-1 ----2SI-V501SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A	VALVES	2SI-V501S B-1 05827	WESTINGH'S E WESTINGH'S E	AB11 PIPE MTD	NSSS 8886 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV
E	GATE 3	173662	MOD-03001G M99FNB020	216.																
SAFETY INJ. SI003A HIGH HEAD INJ OUTLET HEADER TO MCS HL	VALVES MOTOR OPERATOR	2SI-V501S B-1 09225 RPT#800	WESTINGH'S E LIMITORQUE SMB-000	AB11 VLV MTD	NSSS 8886 S0220	IEEE 344-17	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3GM78FN ACTI E VLV CQL-5938
SAFETY INJ. SI003A	VALVES LIMIT SWITCH	2SI-V501S B-1 09226 TEST #	WESTINGH'S E NAMCO EA-180	AB11 VLV MTD	NSSS 8886 S0220	IEEE 344-71		B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV CQL-5938
E				230.																
SAFETY INJ. SI003A HIGH HEAD INJ TO RCS CL E	VALVES MOTOR OPERATOR	2SI-V502S A-1 09227 RPT#800	WESTINGH'S E LIMITORQUE SMB-000	AB21 VLV MTD	NSSS 8885 S0220	IEEE 344-17	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV CQL-5938
SAFETY INJ. SI003A	VALVES LIMIT SWITCH	2SI-V502S A-1 09228 TEST #	WESTINGH'S E NAMCO EA-180	AB21 VLV MTD	NSSS 8885 S0220	IEEE 344-71		C		2.1G IN 3 DIR.	X		NA	SF	SD	33 HZ	33 HZ	33 HZ	NA	W TAG NO. 3GM78FN ACTIVE VLV CQL-5938
SAFETY INJ. SI003A	VALVES GATE 3"	2SI-V502S A-1 11923 173662	WESTINGH'S E WESTINGH'S E-EMD MOD-03001G M99FNB10	AB21 PIPE 235.	NSSS 8885 S0220	ASME SECT III	A			2.1G IN 3 DIR	X	X	X	X	NA	>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3GM78FN ACTIVE VALVE

TAGS INCLUDED: 2SI-V501SB-1 ----2SI-V503SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
SAFETY INJ. SI003A HIGH HEAD INJ TO BIT E	VALVES GATE 3	2SI-V503S A-1 05826 173662	WESTINGH'S E WESTINGH'S E MOD-03001G M99FNB020	AB11 PIPE MTD 216.	NSSS 8803 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV
SAFETY INJ. SI003A HIGH HEAD INJ TO BIT E	VALVES MOTOR OPERATOR	2SI-V503S A-1 09229 RPT#800	WESTINGH'S E LIMITORQUE SMB-000	AB11 VLV MTD 216.	NSSS 8803 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV
SAFETY INJ. SI003A INLET TO BIT UPSTREAM OF INLET SHUTOFF	VALVES GATE 3	2SI-V504S B-1 05828 173662	WESTINGH'S E WESTINGH'S E MOD-03001G M99FNB020	AB11 PIPE MTD 216.	NSSS 8803 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV
SAFETY INJ. SI003A INLET TO BIT UPSTREAM OF INLET EHUTOFF VAL	VALVES MOTOR OPERATOR	2SI-V504S B-1 09231 RPT#800	WESTINGH'S E LIMITORQUE SMB-000	AB11 VLV MTD 216.	NSSS 8803 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV
SAFETY INJ. SI003A BIT OUTLET DOWNSTREAM OF SHUTOFE VALVES	VALVES GATE 3	2SI-V505S B-1 05834 173662	WESTINGH'S E WESTINGH'S E MOD-03001G M99GNB020	AB11 PIPE MTD 216.	NSSS 8801 S0220	ASME SECT III	A			2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV
SAFETY INJ. SI003A BIT OUTLET DOWNSTREAM OF SHUMOFF VALVES	VALVES MOTOR OPERATOR	2SI-V505S B-1 09233 RPT#800	WESTINGH'S E LIMITORQUE SMB-000	AB11 VLV MTD 216.	NSSS 8801 S0220	IEEE 344-71	A			2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3GM78FN ACTI E VLV

TAGS INCLUDED: 2SI-V503SA-1 ----2SI-V506SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	SLOG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A BIT OUTLET TO RCS CL E	VALVES GATE 3	2SI-V506S A-1 05833 173662	WESTINGH'S E WESTINGH'S E MOD-C3001G M99FNBU20	AB11 PIPE MTD 216.	NSSS 8801 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV
SAFETY INJ. SI003A E	VALVES MOTOR OPERATOR	2SI-V506S A-1 09235 RPT#800	WESTINGH'S E LIMITORQUE SMB-000	AB11 VLV MTD 216.	NSSS 8801 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3GM78FN ACTIRE VLV
SAFETY INJ. SI003A E	VALVES GLOBE 1	2SI-V515S A-1 05835 183622	WESTINGH'S E COPES VULCAN INC 1",1500#,A	AB11 PIPE MTD 216.	NSSS 8945 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA78RE ACTIRE VLV
SAFETY INJ. SI003A BIT RECIRC LINE TO VALVE 2SI -V515SA-1	VALVES SOLENOID VALVE	2SI-V515S A-1 09237 NSCE755	WESTINGH'S E ASCO FT831654	AB11 VLV MTD 221.	NSSS 8945 S0220	IEEE 344-71		B		2.1G IN 3 DIR.	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA78RE ACTIRE VLV
SAFETY INJ. SI003A E	VALVES LIMIT SWITCH	2SI-V515S A-1 09238 TEST #	WESTINGH'S E NAMCO EA-170	AB11 VLV MTD 221.	NSSS 8945 S0220	IEEE 344-71		B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 1IA78RE ACTIRE VLV
SAFETY INJ. SI003A BI RECIRC PUMP RECIRC LINE E	VALVES GLOBE 1	2SI-V516S B-1 05945 183622	WESTINGH'S E COPES VULCAN FT831654	AB11 VLV MTD 216.	NSSS 8945 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA78RE ACTIRE VLV

TAGS INCLUDED: 2SI-V506SA-1 ----2SI-V516SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A BI RECIRC PUMP RECIRC LINE E	VALVES SOLENOID VALVE	2SI-V516S B-1 09239 NSCE755	WESTINGH'S E ASCO FT831654	AB11 VLV MTD 216.	NSSS 8945 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA78RE ACTIRE VLV
SAFETY INJ. SI003A E	VALVES LIMIT SWITCH	2SI-V516S B-1 09240 TEST #	WESTINGH'S E NAMCO EA-170	AB11 VLV MTD 216.	NSSS 8945 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 1IA78RE ACTIRE VLV
SAFETY INJ. SI003A BI RECIRC PUMPS DIS-CHAEGE	VALVES GLOBE 2	2SI-V517S A-1 05940 183622	WESTINGH'S E COPES VULCAN 1",1500#,A	AB11 PIPE MTD 216.	NSSS 8942 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA78RE ACTIRE VLV
SAFETY INJ. SI003A E	VALVES SOLENOID VALVE	2SI-V517S A-1 09241 NSCE755	WESTINGH'S E ASCO FT831654	AB11 VLV MTD 216.	NSSS 8942 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA78RE ACTIRE VLV
SAFETY INJ. SI003A BI RECIRC PUMPS DIS-CHAEGE	VALVES LIMIT SWITCH	2SI-V517S A-1 09242 TEST #	WESTINGH'S E NAMCO EA-170	AB11 VLV MTD 216.	NSSS 8942 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 1IA78RE ACTIRE VLV
SAFETY INJ. SI003A E	VALVES GLOBE 1	2SI-V530-1 06018 183622	WESTINGH'S E COPES VULCAN INC FT831654	AB21 VLV MTD 236.	NSSS 8937 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA68RES ACTIVE VLV

TAGS INCLUDED: 2SI-V516SB-1 ----2SI-V530-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST PEP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES / STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SAFETY INJ. SI003A	VALVES	2SI-V530-1 09243	WESTINGH'S E ASCO	AB21 VLV MTD	NSSS 8880 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA68RES ACTIRE VLV
E	SOLENOID VALVE	NSCE755	FT831654	235.																
SAFETY INJ. SI003A	VALVES	2SI-V530-1 09244	WESTINGH'S E NAMCO	AB21 VLV MTD	NSSS 8880 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 1IA68RES ACTIRE VLV
E	LIMIT SWITCH	TEST #	EA-170	235.																
SAFETY INJ. SI003A N2 SUPPLY TO A CCUM TANK 1A-S A E	VALVES GLOBE 1	2SI-V532S N-1 05997 183622	WESTINGH'S E COPES VULCAN INC 1",1500#,A	CB31 PIPE MTD 261.	NSSS 8875 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA68RES R
SAFETY INJ. SI003A N2 SUPPLY TO A CCUM TANK 1B-S B E	VALVES GLOBE 1	2SI-V533S N-1 05998 183622	WESTINGH'S E COPES VULCAN INC 1",1500#,A	CB31 PIPE MTD 261.	NSSS 8875 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA68RES R
SAFETY INJ. SI003A N2 SUPPLY TO A CCUM TK 1C-SA E	VALVES GLOBE 1	2SI-V534S N-1 05999 183622	WESTINGH'S E COPE VULCAN INC 1",1500#,A	CB31 PIPE MTD 261.	NSSS 8875 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA76RES R
SAFETY INJ. SI003A ACCUM TK 1C-SA INJ LINE TO R CS EL LOOP 3	VALVES GATE 12	2SI-V535S A-1 06025 173662	WESTINGH'S E WESTINGH'S E MOD-12001G M88FNH030	CB21 PIPE MTD 235.	NSSS 8878 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12GM88FNH ACTIRE VLV

TAGS INCLUDED: 2SI-V530-1 ----2SI-V535SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITN	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A	VALVES	2SI-V535S A-1 09245	WESTINGH'S E LIMITORQUE	CB21 VLV MTD	NSSS 8808 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 12GM88FNH ACTI E VLV
	MOTOR OPERATOR	WCAP77448 7410,NSCE		235.																
M			SB-2																	
SAFETY INJ. SI003A	VALVES	2SI-V535S A-1 09246	WESTINGH'S E NAMCO	CB21 VLV MTD	NSSS 8808 S0220	IEEE 344-71		C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 12GM88FNH ACTI E VLV CQL-5938
	LIMIT SWITCH	TEST RPT 11-21-77		235.																
M			EA-17C&180																	
SAFETY INJ. SI003A	VALVES	2SI-V536S B-1 06024	WESTINGH'S E WESTINGH'S E	CB21 PIPE MTD	NSSS 8808 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12GM88FNH ACTIRE VLV
	GATE 12	173662	MOD-12001G M88FNH030	235.																
E																				
SAFETY INJ. SI003A ACCUM 1B-SB IN J LINE TO RCS CL MOOP 2	VALVES	2SI-V536S B-1 09247	WESTINGH'S E LIMITORQUE	CB21 VLV MTD	NSSS 8808 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 12GM88FNH ACTI E VLV
	MOTOR OPERATOR	WCAP77448 7410,NSCE		235.																
			SB-2																	
SAFETY INJ. SI003A ACCUM 1B-SB INJ LINE TO RCSMCL LOOP 2	VALVES	2SI-V536S B-1 09248	WESTINGH'S E NAMCO	CB21 VLV MTD	NSSS 8808 S0220	IEEE 344-71		C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 12GM88FNH ACTI E VLV CQL-5938
	LIMIT SWITCH	TEST RPT		235.																
			EA-17C&180																	
SAFETY INJ. SI003A ACCUM 1A-SA IN J LINE TO RCS CL EOOP 1	VALVES	2SI-V537S A-1 06023	WESTINGH'S E WESTINGH'S E	CB21 PIPE MTD	NSSS 8808 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 12GM88FNH ACTIRE VLV
	GATE 12	173662	MOD-12001G M88FNH030	235.																

TAGS INCLUDED: 2SI-V535SA-1 ----2SI-V537SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #															
SAFETY INJ. SI003A	VALVES	2SI-V537S A-1 09249	WESTINGH'S E LIMITORQUE	CB21 VLV MTD	NSSS 8808 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 12GM88FNH ACTI E VLV CQL-5938
M	MOTOR OPERATOR	WCAP7744S 7410,NSCE	SB-2	236.																
SAFETY INJ. SI003A	VALVES	2SI-V537S A-1 09250	WESTINGH'S E NAMCO	CB21 VLV MTD	NSSS 8808 S0220	IEEE 344-71		C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 12GM88FNH ACTI E VLV CQL-5938
M	LIMIT SWITCH	TEST RPT	EA-170818G	236.																
SAFETY INJ. SI003A ACCUM 1A-SA IN J LINE TEST LI NE E	VALVES GLOBE 3/4	2SI-V538S N-1 06009 183622	WESTINGH'S E COPES VULCAN INC 3/4",1500# ,A	CB31 PIPE MTD 261.	NSSS 8877 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4IA78RE R
SAFETY INJ. SI003A ACCUM 1B-SB IN J LINE TEST LI NE E	VALVES GLOBE 3/4	2SI-V539S N-1 06010 183622	WESTINGH'S E COPES VULCAN INC 3/4",1500# ,A	CB31 PIPE MTD 261.	NSSS 8877 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4IA78RE R
SAFETY INJ. SI003A ACCUM 1C-SA IN J LINE TEST LI NE E	VALVES GLOBE 3/4	2SI-V540S N-1 06011 183622	WESTINGH'S E COPES VULCAN INC 3/4",1500# ,A	CB31 PIPE MTD 263.	NSSS 8877 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4IA78RE R
SAFETY INJ. SI003A ACCUM 1A-SA IN J LINE TEST LI NE E	VALVES GLOBE 3/4	2SI-V541S N-1 06012 183622	WESTINGH'S E COPES VULCAN INC 3/4",1500# ,A	CB31 PIPE MTD 261.	NSSS 8879 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4IA78RE

TAGS INCLUDED: 2SI-V537SA-1 ----2SI-V542SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	RESP. SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
SAFETY INJ. SI003A	VALVES	2SI-V542S N-1 06C13	WESTINGH'S E COPES	CB31 PIPE MTD	NSSS 8879 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4IA78RE
ACCUM 1B-SB INJ LINE TEST LINE E	GLOBE 3/4	183622	VULCAN INC 3/4",1500# ,A	261.																
SAFETY INJ. SI003A	VALVES	2SI-V543S N-1 06C14	WESTINGH'S E COPES	CB31 PIPE MTD	NSSS 8879 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4IA78RE
ACCUM 1C-SA INJ LINE TEST LINE E	GLOBE 3/4	183622	VULCAN INC 3/4",1500# ,A	263.																
SAFETY INJ. SI003A	VALVES	2SI-V550S B-1 06015	WESTINGH'S E COPES	AB21 VLV MTD	NSSS 8961 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X					33 HZ	33 HZ	33 HZ	NA	W TAG NO. 3/4IA78RE ACTIRE VLV
ACCUM TEST LINE AT PENETRATION E-76B	GLOBE 3/4	183622	VULCAN INC FT831654	236.																
SAFETY INJ. SI003A	VALVES	2SI-V550S B-1 09251	WESTINGH'S E ASCO	AB21 VLV MTD	NSSS 8961 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4IA78RE ACTIRE VLV
E	SOLENOID VALVE	NSCE755	FT831654	236.																
SAFETY INJ. SI003A	VALVES	2SI-V550S B-1 09252	WESTINGH'S E NAMCO	AB21 VLV MTD	NSSS 8961 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3/4IA78RE R
E	LIMIT SWITCH	TEST #	EA-170	236.																
SAFETY INJ. SI003A	VALVES	2SI-V551S N-1 05973	WESTINGH'S E COPES	CB31 PIPE MTD	NSSS 8879 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA78RE R
INLET LINE TO ACCUM TANK A E	GLOBE 1	183622	VULCAN INC 1",1500#,A	261.																

TAGS INCLUDED: 2SI-V542SN-1 ----2SI-V552SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SAFETY INJ. SI003A INLET LINE TO ACCUM TANK B E	VALVES GLOBE 1	2SI-V552S N-1 05974 183622	WESTINGH'S E COPES VULCAN INC 1",1500#,A	CB31 PIPE MTD 261.	NSSS 8878 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA78RE R
SAFETY INJ. SI003A INLET LINE TO ACCUM TANK C E	VALVES GLOBE 1	2SI-V553S N-1 05975 183622	WESTINGH'S E COPES VULCAN INC 1",1500#,A	CB31 PIPE MTD 261.	NSSS 8878 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA78RE R
SAFETY INJ. SI003A INLET HEADER TO ACCUM TANK E	VALVES GLOBE 1	2SI-V554S B-1 05972 183622	WESTINGH'S E COPES VULCAN INC FT831654	AB21 VLV MTD 235.	NSSS 8860 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA78RE ACTIRE VLV
SAFETY INJ. SI003A E	VALVES SOLENOID VALVE	2SI-V554S B-1 09253 NSCE755	WESTINGH'S E ASCO FT831654	AB21 VLV MTD 235.	NSSS 8860 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 1IA78RE ACTIRE VLV
SAFETY INJ. SI003A E	VALVES LIMIT SWITCH	2SI-V554S B-1 09254 TEST#	WESTINGH'S E NAMCO EA-170	AB21 VLV MTD 235.	NSSS 8860 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 1IA78RE ACTIRE VALVE
SAFETY INJ. SI003A E	VALVES GLOBE 3/4	2SI-V555S A-1 06016 183622	WESTINGH'S E COPES VULCAN INC 3/4",1500#,A	CB21 PIPE MTD 235.	NSSS 8871 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3/4IA78RE ACTIRE VLV

TAGS INCLUDED: 2SI-V552SN-1 ----2SI-V555SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAFETY INJ. SI003A	VALVES	2SI-V555S A-1 09255	WESTINGH'S E ASCO	CB21 VLV MTD	NSSS 8871 S0220	IEEE 344-17	A	C		2.1G IN 3 DIR.	X		S	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3/4IA78RE ACTI E VLV
ACCUM TEST LIN E AT PENETRATI ON M-76B	SOLENOID VALVE	NSCE755	FT831654	236.																
SAFETY INJ. SI003A	VALVES	2SI-V555S A-1 09256	WESTINGH'S E NAMCO	CB21 PIPE MTD	NSSS 8871 S0220	IEEE 344-17	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3/4IA78RE ACTI E VLV
M	LIMIT SWITCH	TEST RPT	3/4",1500# ,A	236.																
SAFETY INJ. SI003A HIGH HEAD INJ TO 1-FT 940	VALVES PCKLESS GLO 3/4	2SI-V56SA -1 05878 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	AB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A HIGH HEAD INJ TO 1-FT 940 E	VALVES PCKLESS GLO 3/4	2SI-V57SA -1 05879 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	AB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAFETY INJ. SI003A SUCTION LINE T O RHR PUMP 1B-SB FROM CONTAI	VALVES GATE 14	2SI-V570S B-1 06031 173662	WESTINGH'S E WESTINGH'S E MOD-14002G M84FEH020	AB01 PIPE MTD 197.	NSSS 8811 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 14GM74FE ACTIRE VLV
SAFETY INJ. SI003A	VALVES MOTOR OPERATOR	2SI-V570S B-1 09257 RPT#800	WESTINGH'S E LIMITORQUE SB-1	AB01 VLV MTD 197.	NSSS 8811 S0220	IEEE 377-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 14GM74FEH ACTIRE VLV
E																				

TAGS INCLUDED: 2SI-V555SA-1 ----2SI-V571SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I.												
SAFETY INJ. SI003A	VALVES	2SI-V571S A-1 06028	WESTINGH'S E WESTINGH'S E	AB01 PIPE MTD	NSSS 8811 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 14GM74FEH ACTIRE VLV
E	GATE 14	173662	MOD-14002G M84FEH020	190.																
SAFETY INJ. SI003A	VALVES	2SI-V571S A-1 09259	WESTINGH'S E LIMITORQUE	AB01 PIPE MTD	NSSS 8811 S0220	IEEE 377-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 14GM74FEH ACTIRE VLV
E	MOTOR OPERATOR	RPT#800	MOD-14002G M84FEH020	190.																
SAFETY INJ. SI003A SUCTION LINE TO RHR PUMP 1B-SB EROM CONTAI	VALVES	2SI-V572S B-1 06032	WESTINGH'S E WESTINGH'S E	AB01 PIPE MTD	NSSS 8812 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 14GM74FE ACTIRE VLV
	GATE 14	173662	MOD-14002G M84FEB020	190.																
SAFETY INJ. SI003A	VALVES	2SI-V572S B-1 09261	WESTINGH'S E LIMITORQUE	AB01 VLV MTD	NSSS 8812 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 14GM74FE ACTIRE VLV
E	MOTOR OPERATOR	RPT#800	SB-1	190.																
SAFETY INJ. SI003A	VALVES	2SI-V573S A-1 06029	WESTINGH'S E WESTINGH'S E	AB01 PIPE MTD	NSSS 8812 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 14GM74FE ACTIRE VLV
E	GATE 14	173662	MOD-14002G M84FEB020	190.																
SAFETY INJ. SI003A SUCTION LINE TO RHR PUMP 1A-SA EROM CONTAI	VALVES	2SI-V573S A-1 09263	WESTINGH'S E LIMITORQUE	AB01 VLV MTD	NSSS 8812 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 14GM74FE ACTIRE VLV
	MOTOR OPERATOR	RPT#800	SB-1	190.																

TAGS INCLUDED: 2SI-V571SA-1 ----2SI-V574SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
SAFETY INJ. SI003A RWST OUTLET TO RHR PUMP 1B-S B SECTION	VALVES GATE 14	2SI-V574S B-1 06035 173662	WESTINGH'S E WESTINGH'S E MOD-14002G M84FEB030	AB01 PIPE MTD 190.	NSSS 8809 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 14GM74FE ACTIRE VLV
SAFETY INJ. SI003A E	VALVES MOTOR OPERATOR	2SI-V574S B-1 09265 RPT# 800	WESTINGH'S E LIMITORQUE SB-1	AB01 VLV MTD 190.	NSSS 8809 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 14GM74FE ACTIRE VLV
SAFETY INJ. SI003A E	VALVES LIMIT SWITCH	2SI-V574S B-1 09266 TEST #	WESTINGH'S E NAMCO EA17C12302	AB01 VLV MTD 190.	NSSS 8809 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 14GM74FE ACTIRE VLV
SAFETY INJ. SI003A RWST OUTLET TO RHR PUMP 1A-S A SECTION	VALVES GATE 14	2SI-V575S A-1 06033 173662	WESTINGH'S E WESTINGH'S E MOD-14002G M84FEB030	AB01 PIPE MTD 190.	NSSS 8809 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 14GM74FE ACTIRE VLV
SAFETY INJ. SI003A LOW HEAD INJ C ROSS CONNECTIO N TE RCS HL FR	VALVES GATE 10	2SI-V576S B-1 06037 173662	WESTINGH'S E WESTINGH'S E MOD-10001G M95FEB020	AB21 PIPE MTD 236.	NSSS 8887 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 10GM74FE ACTIRE VLV
SAFETY INJ. SI003A M	VALVES MOTOR OPERAROR	2SI-V576S B-1 09267 RPT#800	WESTINGH'S E LIMITORQUE SMB-1	AB21 VLV MTD 236.	NSSS 8887 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 10GM74FE ACTI E VLV

TAGS INCLUDED: 2SI-V574SB-1 ----2SI-V577SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
SAFETY INJ. SI003A	VALVES	2SI-V577S A-1 06038	WESTINGH'S E WESTINGH'S E	AB21 PIPE MTD	NSSS 8887 S0220	ASME SECT III	A	C		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 10GM74FE ACTI E VLV
	GATE 10	173662	MOD-10001G M95FEB020	236.																
M																				
SAFETY INJ. SI003A LOW HEAD INJ C ROSS CONNECTIO N TE PCS HL FR	VALVES	2SI-V577S A-1 09269	WESTINGH'S E LIMITORQUE	AB21 VLV MTD	NSSS 8887 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 10GM74FE ACTIRE VLV
	MOTOR OPERATOR	RPT#800	SMB-1	236.																
SAFETY INJ. SI003A LOW HEAD INJ T O RCS CL FROM RHREPUMP 18-SR	VALVES	2SI-V578S B-1 06073	WESTINGH'S E WESTINGH'S E	AB21 PIPE MTD	NSSS 8888 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 10GM78FN ACTIRE VLV
	GATE 10	173662	MOD-10001G M99FNB020	236.																
SAFETY INJ. SI003A	VALVES	2SI-V578S B-1 09271	WESTINGH'S E LIMITORQUE	AB21 VLV MTD	NSSS 8888 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 10GM78FN ACTI E VLV
	MOTOR OPERATOR	RPT#800	SB-2	236.																
M																				
SAFETY INJ. SI003A	VALVES	2SI-V578S B-1 09272	WESTINGH'S E NAMCO	AB21 VLV MTD	NSSS 8888 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.			NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 10GM78FN ACTI E VLV CQL-5938
	LIMIT SWITCH	TEST #		236.																
M			EA-180																	
SAFETY INJ. SI003A	VALVES	2SI-V579S A-1 06077	WESTINGH'S E WESTINGH'S E	AB21 PIPE MTD	NSSS 8888 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 10GM78FN ACTIRE VLV CQL-5938
	GATE 10	173662	MOD-10001G M99FNB020	236.																
E																				

TAGS INCLUDED: 2SI-V577SA-1 ----2SI-V579SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV4- D 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITION	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I					S/D			HZ	HZ	HZ	SPECTR	
SAFETY INJ. SI003A LOW HEAD INJ T O RCS CL FROM RHRMPUMP 1A-SA	VALVES MOTOR OPERATOR	2SI-V579S A-1 09273 RPT#800	WESTINGH'S E LIMITORQUE SB-2	AB21 VLV MTD 236.	NSSS 8888 S0220	IEEE 344-71	A C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 10GM78FN ACTI E VLV
SAFETY INJ. SI003A M	VALVES LIMIT SWITCH	2SI-V579S A-1 09274 TEST #	WESTINGH'S E NAMCO EA-180	AB21 VLV MTD 236.	NSSS 8888 S0220	IEEE 344-71	A C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 10GM78FN ACTI E VLV CQL-5938
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V58SA -1 05895 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -29	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A LOW HEAD INJ T O RCS CL FROM RHREPUMP 1B-SB	VALVES CHECK 10	2SI-V580S B-1 06074 162148	WESTINGH'S E WESTINGH'S E MOD-10001C S990G0020	CB21 PIPE MTD 236	NSSS 8974 S0220	ASME SECT III	A B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 10GM78 ACTIRE VLV
SAFETY INJ. SI003A LOW HEAD INJ T O RCS CL FROM RHREPUMP 1A-SA	VALVES CHECK 10	2SI-V581S A-1 06078 162148	WESTINGH'S E WESTINGH'S E MOD-10001C S990LG020	CB21 PIPE MTD 236	NSSS 8974 S0220	ASME SECT III	A B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 10GM78 ACTIRE VLV
SAFETY INJ. SI003A CROSS CONNECTI ON BETWEEN LOW HEAE INJ BRANC	VALVES GATE 6	2SI-V582S B-1 06051 162148	WESTINGH'S E WESTINGH'S E MOD-C6000G W88CCC020	CB21 PIPE MTD 236	NSSS 8972 S0220	ASME SECT III	A B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 6G78 R

TAGS INCLUDED: 2SI-V579SA-1 ----2SI-V583SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1433
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STOS	STATUS Q	STATUS I	LOAD INPUT OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #															
SAFETY INJ. SI003A	VALVES	2SI-V583S AB-1 06052	WESTINGH'S E WESTINGH'S E	CB21 PIPE MTD	NSSS 8972 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 5G78
CROSS CONNECTI ON BETWEEN LOW HEAE INJ BRANC	GATE 6	162148	MOD-06C00G W880C002U	236																
SAFETY INJ. SI003A SIS LOW HEAD I NJ TO RCS HL E	VALVES GATE 10	2SI-V587S A-1 06C42 173662	WESTINGH'S E WESTINGH'S E MOD-10001G M99FN8020	AB21 PIPE MTD 236.	NSSS 8989 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 10GM78FN ACTIRE VLV
SAFETY INJ. SI003A M	VALVES MOTOR OPERATOR	2SI-V587S A-1 09275 RPT#8C0	WESTINGH'S E LIMITORQUE SB-2	AB21 VLV MTD 236.	NSSS 8989 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO 10GM78FN ACTIVE VLV
SAFETY INJ. SI003A LOW HEAD INJ T O RCS HL E	VALVES GATE 8	2SI-V588S A-1 06043 162148	WESTINGH'S E WESTINGH'S E MOD-C8000G H840C002U	AB21 PIPE MTD 236	NSSS 8881 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 8G74 R
SAFETY INJ. SI003A BIT OUTLET TO TEST VENT	VALVES PCKLESS GLO 1	2SI-V59SA -1 05970 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	AB11 PIPE MTD 215.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 75ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A RWST OUTLET TO RHR PUMP 1B-S B SECTION	VALVES CHECK 14	2SI-V590S B-1 06C36 162148	WESTINGH'S E WESTINGH'S E MOD-14000C S84000020	AB01 PIPE MTD 190	NSSS 8953 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 14C74 ACTIRE VLV

TAGS INCLUDED: 2SI-V583SAB-1 ----2SI-V591SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
SAFETY INJ. SI003A RWST OUTLET TO RHR PUMP 1A-S A SECTION	VALVES CHECK 14	2SI-V591S A-1 06034 162148	WESTINGH'S E WESTINGH'S E MOD-14000C S84000020	AB01 PIPE MTD 190	NSSS 8953 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 14C74 ACTIVE VLV
SAFETY INJ. SI003A BIT INLET TO D RAIN HEADER	VALVES PCKLESS GLO 3/4	2SI-V6SA-1 05831 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	AB11 PIPE MTD 216	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V6USA -1 05897 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A LINE TO ACCUM TK NO 1A-SA.	VALVES PCKLESS GLO 1	2SI-V621S A-1 06126 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB31 PIPE MTD 261.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A ISOLATION VALV E TEST	VALVES GLOBE 3/4	2SI-V626S N-1 12371	WESTINGH'S E WESTINGH'S E		NSSS 887 M															
SAFETY INJ. SI003A ISOLATION VALV E TEST	VALVES GLOBE 3/4	2SI-V627S N-1 12372	WESTINGH'S E WESTINGH'S E		NSSS 887 M															

TAGS INCLUDED: 2SI-V591SA-1 ----2SI-V628SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST PEP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		O	I												
SAFETY INJ. SI003A ISOLATION VALVE TEST	VALVES GLOBE 3/4	2SI-V628SN-1 12373	WESTINGH'SE WESTINGH'SE		NSSS 887 M															
SAFETY INJ. SI003A ISOLATION VALVE TEST	VALVES GLOBE 3/4	2SI-V629SN-1 12374	WESTINGH'SE WESTINGH'SE		NSSS 887 M															
SAFETY INJ. SI003A ISOLATION VALVE TEST	VALVES GLOBE 3/4	2SI-V630SN-1 12375	WESTINGH'SE WESTINGH'SE		NSSS 887 M															
SAFETY INJ. SI003A ISOLATION VALVE TEST	VALVES GLOBE 3/4	2SI-V631SN-1 12376	WESTINGH'SE WESTINGH'SE		NSSS 887 M															
SAFETY INJ. SI003A ISOLATION VALVE TEST	VALVES GLOBE 3/4	2SI-V632SN-1 12377	WESTINGH'SE WESTINGH'SE		NSSS 887 M															
SAFETY INJ. SI003A ISOLATION VALVE TEST	VALVES GLOBE 3/4	2SI-V633SN-1 12378	WESTINGH'SE WESTINGH'SE		NSSS 887 M															

TAGS INCLUDED: 2SI-V628SN-1 ----2SI-V634SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITN	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A ISOLATION VALVE TEST	VALVES GLOBE 3/4	2SI-V634S N-1 12379	WESTINGH'S E WESTINGH'S E		NSSS 887 M															
SAFETY INJ. SI003A ISOLATION VALVE TEST	VALVES GLOBE 3/4	2SI-V635S N-1 12380	WESTINGH'S E WESTINGH'S E		NSSS 887 M															
SAFETY INJ. SI003A ISOLATION VALVE TEST	VALVES GLOBE 3/4	2SI-V636S N-1 12381	WESTINGH'S E WESTINGH'S E		NSSS 887 M															
SAFETY INJ. SI003A ISOLATION VALVE TEST	VALVES GLOBE 3/4	2SI-V637S N-1 12382	WESTINGH'S E WESTINGH'S E		NSSS 887 M															
SAFETY INJ. SI003A ISOLATION VALVE TEST	VALVES GLOBE 3/4	2SI-V638S N-1 12383	WESTINGH'S E WESTINGH'S E		NSSS 896 M															
SAFETY INJ. SI003A FLOW TAP ON HIGH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V64SB -1 05868 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	475092 004 M-49 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V634SN-1 ----2SI-V66SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/IT#	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V66SB -1 05890 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIT OUTLET TO TEST VENT	VALVES PCKLESS GLO 3/4	2SI-V7SA-1 06156 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	AB11 PIPE MTD 216	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V70SA -1 05883 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V72SA -1 05885 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIT OUTLET TO TEST CONNECTIO N	VALVES PCKLESS GLO 1	2SI-V76SA -1 05962 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB21 PIPE MTD 234.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIT OUTLET TO TEST CONNECTIO N	VALVES PCKLESS GLO 1	2SI-V78SA -1 05963 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	CB11 PIPE MTD 221.	435092 005 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V66SB-1 ----2SI-V80SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REVW- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V80SA -1 05901 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V82SA -1 05903 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V86SB -1 05907 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V88SB -1 05909 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIT OUTLET TO 1-PT 934	VALVES PCKLESS GLO 3/4	2SI-V9SA- 1 05832 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	AB11 PIPE MTD 216	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A FLOW TAP ON HI GH HEAD INJ BR ANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V92SA -1 05913 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V80SA-1 ----2SI-V94SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A FLOW TAP ON HIGH HEAD INJ BRANCH LINES TO	VALVES PCKLESS GLO 3/4	2SI-V94SA -1 05915 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	CB21 PIPE MTD 236	435092 004 M-69 SG-M69 -20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 3G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIST DRAIN	VALVES DIAPHRAGM 3/4	3SI-D1SN-1 05929 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	AB11 PIPE MTD 216.	435157 013 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIST TO 1-LIS 965	VALVES DIAPHRAGM 1	3SI-D10SN -1 05948 REPORT121	ITT- GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	AB11 PIPE MTD 216.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIST TO 1-LIS 964	VALVES DIAPHRAGM 1	3SI-D11SN -1 05900 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	AB11 PIPE MTD 216.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIST DRAIN	VALVES DIAPHRAGM 3/4	3SI-D2SN-1 05930 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	AB11 PIPE MTD 216.	435157 013 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIST LOCAL SAMPLE	VALVES DIAPHRAGM 3/4	3SI-D3SN-1 05931 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	AB11 PIPE MTD 216.	435157 013 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SI-V94SA-1 ----3SI-D4SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A BIST LOCAL SAMPLE	VALVES DIAPHRAGM 3/4	3SI-D4SN-1 05932 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	AB11 PIPE MTD 216.	435157 013 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	1.5G HOR 1 G VERT	3 G HOR 3 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIST OUTLET TO BI RECIRC PUMPS	VALVES DIAPHRAGM 2	3SI-D5SN-1 05934 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	AB11 PIPE MTD 216.	435157 016S M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BIST OUTLET TO BI RECIRC PUMPS	VALVES DIAPHRAGM 2	3SI-D6SN-1 05935 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	AB11 PIPE MTD 216.	435157 016S M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A PX CONN ON BOR ON INJ RECIRC PUMP 1A-SA SUC	VALVES DIAPHRAGM 3/4	3SI-D64SN-1 06118 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	AB11 PIPE MTD 216.	435157 013 M-41 50-M34 Y-20	ASME SECT III SUB NC&ND 77ED	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A PX CONN ON BOR ON INJ RECIRC PUMP 1A-SA SUC	VALVES DIAPHRAGM 3/4	3SI-D65SN-1 06119 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	AB11 PIPE MTD 216.	435157 013 M-41 50-M34 Y-20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A PX CONN ON BOR ON INJ RECIRC PUMP 1B-SB SUC	VALVES DIAPHRAGM 3/4	3SI-D66SN-1 06120 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	AB11 PIPE MTD 216.	435157 013 M-41 50-M34 Y-20	ASME SECT III SUB NC&ND 77ED	A D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SI-D4SN-1 ----3SI-D67S N-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1441
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/TTM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SAFETY INJ. SI003A	VALVES	3SI-D67S N-1 06121	ITT-GRINNEL ITT-GRINNEL	AB11 PIPE MTD	435157 D13 M-41	ASME SECT III SUB	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	DIAPHRAGM 3/4	REPORT121	150-HWO-DIA	216.	50-M34 Y-20	NC&ND 77ED														
SAFETY INJ. SI003A BIST OUTLET TO BI RECIRC PUMP SUCTION	VALVES	3SI-D7SN-1 05933	ITT-GRINNEL ITT-GRINNEL	AB11 PIPE MTD	435157 D16S M-41	ASME SECT III SUB	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	DIAPHRAGM 2	REPORT121	SC2/3-150-HWO-DIA	216.	50-M41 -20	NC&ND 77ED														
SAFETY INJ. SI003A DEMINERALIZED WATER INLET TO BIST	VALVES	3SI-D8SN-1 05946	ITT-GRINNEL ITT-GRINNEL	AB11 PIPE MTD	435157 D15 M-41	ASME SECT III SUB	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	DIAPHRAGM 1	REPORT121	SC2/3-150-HWO-DIA	216.	50-M41 -20	NC&ND 77ED														
SAFETY INJ. SI003A BI RECIR PUMP RECIR LINE	VALVES	3SI-V106S N-1 06026	KEROTEST MFTR KEROTEST	AB11 PIPE MTD	435092 D09 M-69	ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	PCKLESS GLO 1	KSAR-M69	MFTR 9915	216.	50-M69 -20	74ED SUM 76ADD														
SAFETY INJ. SI003A BI RECIRC PUMP RECIRC LINE T O 1FT 934	VALVES	3SI-V107S N-1 05943	KEROTEST MFTR KEROTEST	AB11 PIPE MTD	435092 D08 M-69	ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	216.	50-M69 -20	74ED SUM 76ADD														
SAFETY INJ. SI003A BI RECIRC PUMP RECIRC LINE T O 1FT 934	VALVES	3SI-V108S N-1 05944	KEROTEST MFTR KEROTEST	AB11 PIPE MTD	435092 D08 M-69	ASME SECT III	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	PCKLESS GLO 3/4	KSAR-M69	MFTR 9954	216	50-M69 -20	74ED SUM 76ADD														

TAGS INCLUDED: 3SI-D67S N-1 ----3SI-V109SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAFETY INJ. SI003A BI RECIRC PUMP RECIRC LINE	VALVES PCKLESS GLO 1	3SI-V109S N-1 05947 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	AB11 PIPE MTD 216.	435092 009 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BI RECIRC PUMP RECIRC LINE T O BRS RHT	VALVES PCKLESS GLO 1	3SI-V110S N-1 05928 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	AB11 PIPE MTD 216.	435092 009 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BI RECIRC PUMP RECIRC LINE	VALVES PCKLESS GLO 1	3SI-V111S N-1 05942 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	AB11 PIPE MTD 216.	435092 009 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A PI CONN ON BOR ON INJ RECIRC PUMP 1A-SA DIS	VALVES GLOBE 3/4	3SI-V114S N-1 06116 952677-01	YARWAY YARWAY 5515B-F316	AB11 PIPE MTD 216.	435056 014 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR1 76ADD	A C	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A PI CONN ON BOR ON INJ RECIRC PUMP 1B-SB DIS	VALVES GLOBE 3/4	3SI-V115S N-1 06117 952677-01	YARWAY YARWAY 5515B-F316	AB11 PIPE MTD 216.	435056 014 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A C	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON 3SI1-299SN	VALVES PCKLESS GLO 1	3SI-V304S N-1 06096 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	AB11 PIPE MTD 216.	435092 009 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SI-V109SN-1 ----3SI-V305SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
SAFETY INJ. SI003A DRAIN ON 3SI1-299SN	VALVES PCKLESS GLO 1	3SI-V305S N-1 06097 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	AB11 PIPE MTD 216.	435092 009 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON 3SI-300SN	VALVES PCKLESS GLO 1	3SI-V306S N-1 06122 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	AB11 PIPE MTD 216.	435092 009 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A DRAIN ON 3SI-300SN	VALVES PCKLESS GLO 1	3SI-V307S N-1 06123 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9915	AB11 PIPE MTD 216.	435092 009 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAFETY INJ. SI003A BYPASS FIS-934	VALVES PCKLESS GLO 3/4	3SI-V405S N-1 06044 KSAR-M69	KEROTEST MFTR KEROTEST MFTR 9954	AB11 PIPE MTD 216.	435092 009 M-69	ASME SECT III 74ED SUM 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1444
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
SAMPLING SYSTEM SPSP	CONTROL DEVICES	FS 1SP 74 38 SA 12334		CAB 8 MTD	435298 N-45															
CNMT ATMOS H2 ANAL SYS SMPL PMPS INLETFLOW	FLOW SWI TCH																			
SAMPLING SYSTEM SPSP	CONTROL DEVICES	FS 1SP 74 38 SB 12335		CAB 9 MTD	435298 N-45															
CNMT ATMOS H2 ANAL SYS SMPL PMPS INLETFLOW	FLOW SWI TCH																			

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1445
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAMPLING SYSTEM SPSP	INDICATORS	AI 1SP 74 38A SA 12152		CAB MTD	435288 N-45															
CNMT ATMOS H2 ANAL SYS H2 CONCENTRTN MTR	ANALYSIS DIRECT INDICATO		50-250-4 1/2																	
SAMPLING SYSTEM SPSP	INDICATORS	AI 1SP 74 388 SB 12231		CAB MTD	435288 N-45															
CNMT ATMOS H2 ANAL SYS H2 CONCENTRTN MTR	ANALYSIS DIRECT INDICATO		50-250-41/2																	

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1446
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAMPLING SYSTEM SP005A	RELAYS	RLY XSP70 2-CR 11090	SYSTEM CONTROL POTTER	AB52 ARP-198SB	435246 IN13	IEEE-323-'74	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
E	RADIATION SIG.CO ND.OR FU	15761	BRUMFIELD MDR137-8	305.	IN13-20	344-'75														
SAMPLING SYSTEM SP005A	RELAYS	RLY XSP70 6-CR 10988	SYSTEM CONTROL POTTER	AB52 ARP-19ASA	435246 IN13	IEEE-323-'74	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
E	RADIATION SIG.CO ND.OR FU	15761	BRUMFIELD MDR137-8	305.	IN13-20	344-'75														

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAMPLING SYSTEM SP005A	VALVES	2SP-V06 S B-1 12482		CB11	M															
				230.																
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT N	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V1SB-1 06158 TR#-2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 790-006	CB21 PIPE MTD 251.	435243 008 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF DESIGN REPO T 2653D
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT N	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V11SB -1 06160 TR#-2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 790-006	CB21 PIPE MTD 251.	435243 008 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF DESIGN REPO T 2653D
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT N	VALVES SOLENOID VALVE	2SP-V111S B-1 06184 TR#-2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 790-006	CB21 PIPE MTD 251.	435243 008 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF DESIGN REPO T 2653D
SAMPLING SYSTEM SP005A ACCUMULATOR A SAMPLE N	VALVES SOLENOID VALVE	2SP-V113S B-1 06203 TR# 2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 790-005	CB21 PIPE MTD 235.	435243 007 M-73 50-M73 A-20	ASME 344-75 ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPO T 2653D
SAMPLING SYSTEM SP005A ACCUMULATOR B SAMPLE M	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V114S B-1 06204 TR# 2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 790-005	CB21 PIPE MTD 235.	435243 007 M-73A 50-M73 A-20	ASME 344-75 ASME SECT III	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPO T 2653D

TAGS INCLUDED: 2SP-V06 SB-1 ----2SP-V115SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
			MODEL NO	ELEV	SQRT #		Q	I											
SAMPLING SYSTEM SP005A ACCUMULATOR C SAMPLE E	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V115S B-1 06205 TR#-28047 TRP 2375	TARGET ROCK CORP TARGET ROC ROCK CORP 79Q-005	CB21 PIPE MTD 236.	435243 007 M-73A 50-M73 A-20	ASME 344-75 ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPORT 2653D
SAMPLING SYSTEM SP005A ACCUMULATOR SAMPLE HEADER	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V116S A-1 06206 TR# 2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 79Q-005	AB21 PIPE MTD 236.	435243 007 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF DESIGN REPORT 2653D
SAMPLING SYSTEM SP005A S/G-A BLDWN SAMPLE TO LINE 2SPN/8-18SN	VALVES GLOBE 3/4	2SP-V117S N-1 06194 952677-01	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A S/G-B BLDWN SAMPLE TO LINE 2SPN/8-22SN	VALVES GLOBE 3/4	2SP-V118S N-1 06192 952677-01	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A S/G-C BLDWN SAMPLE TO LINE 2SPN/8-26SN	VALVES GLOBE 3/4	2SP-V119S N-1 06190 952677-01	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V12SA -1 06161 TR# 2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 79Q-006	AB21 PIPE MTD 251.	435243 003 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF DESIGN REPORT 2653D

TAGS INCLUDED: 2SP-V115SB-1 ----2SP-V120SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
SAMPLING SYSTEM SP005A S/G-A BLDWN TO SIG SAMPLE COOMER-A	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V120S A-1 06185 TR# 2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 79Q-005	AB21 PIPE MTD 255.	435243 006 M-73A SQ-M73 A-20	ASME 344-75 ASME SECT III	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPO T 2653D
SAMPLING SYSTEM SP005A S/G-B BLDWN TO S/G SAMPLE COOMER-B	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V121S A-1 06186 TR# 2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 79Q-005	AB21 PIPE MTD 255.	435243 006 M-73 SQ-M73 A-20	ASME 344-75 ASME SECT III	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPO T 2653D
SAMPLING SYSTEM SP005A S/G-C BLDWN TO S/G SAMPLE COOMER-C	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V122S A-1 06187 TR# 2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 79Q-005	AB21 PIPE MTD 255.	435243 006 M-73A SQ-M73 A-20	ASME 344-75 ASME SECT III	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPO T 2653D
SAMPLING SYSTEM SP005A S/G-A SAMPLING TO LINE 2SPN/8-22SN	VALVES PCKLESS GLO 3/8	2SP-V128S N-1 06201 KSAR-045 79-PST	KEROTEST MFTR KEROTEST MFTR 3PSW	CB21 PIPE MTD 235.	435092 013 M-69 SQ-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A S/G-A SAMPLING TO LINE 2SPN/8-22SN	VALVES PCKLESS GLO 3/8	2SP-V129S N-1 06202 KSAR-045 79-PST	KEROTEST MFTR KEROTEST MFTR 3PSW	CB21 PIPE MTD 235.	435092 013 M-69 SQ-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A ACCUMULATOR SAMPLE HEADER N	VALVES PCKLESS GLO 3/8	2SP-V131S N-1 06207 KSAR-045 79-PST	KEROTEST MFTR KEROTEST MFTR 3PSW	CB21 PIPE MTD 235.	435092 013 M-69 SQ-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33	>33	NA	

TAGS INCLUDED: 2SP-V120SA-1 ----2SP-V132SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAMPLING SYSTEM SPOOSA ACCUMULATOR SAMPLE HEADER N	VALVES PCKLESS GLO 3/8	2SP-V132S N-1 06208 KSAR-045 79-PST	KEROTEST MFTR KEROTEST MFTR 3PSW	CB21 PIPE MTD 236.	435092 013 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SPOOSA ACCUMULATOR SAMPLE HEADER N	VALVES PCKLESS GLO 3/8	2SP-V133S N-1 06209 KSAR-045 79-PST	KEROTEST MFTR KEROTEST MFTR 3PSW	CB21 PIPE MTD 236.	435092 013 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SPOOSA ACCUMULATOR SAMPLE HEADER N	VALVES PCKLESS GLO 3/8	2SP-V134S N-1 06210 KSAR-045 79-PST	KEROTEST MFTR KEROTEST MFTR 3PSW	CB21 PIPE MTD 236.	435092 013 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SPOOSA ACCUMULATOR SAMPLE HEADER N	VALVES PCKLESS GLO 3/8	2SP-V135S A-1 06211 KSAR-045 79-PST	KEROTEST MFTR KEROTEST MFTR 3PSW	CB21 PIPE MTD 236.	435092 013 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SPOOSA TEST CONNECT ON ACCUM 1A-SA SAMPLE LINE	VALVES PCKLESS GLO 3/8	2SP-V136S A-1 06212 KSAR-045 79-PST	KEROTEST MFTR KEROTEST MFTR 3PSW	CB21 PIPE MTD 236.	435092 013 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SPOOSA TEST CONNECT ON ACCUM 1B-SB SAMPLE LINE	VALVES PCKLESS GLO 3/8	2SP-V137S B-1 06213 KSAR-045 79-PST	KEROTEST MFTR KEROTEST MFTR 3PSW	CB21 PIPE MTD 236.	435092 013 M-69 50-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SP-V132SN-1 ----2SP-V138SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/FEC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	CODES STDS	TUS		OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
SAMPLING SYSTEM SPOOSA TEST CONNECT O N ACCUM 1B-SB SAMNLE LINE	VALVES PCKLESS GLO 3/8	2SP-V138S B-1 06214 KSAR-045 79-PST	KEROTEST MFTR KEROTEST MFTR 3PSW	CB21 PIPE MTD 235.	435092 013 M-69 59-M69 -20	ASME SECT III 74ED SUM 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SPOOSA TEST CONNECT O N ACCUM IC-SA SAMNLE LINE	VALVES PCKLESS GLO 3/8	2SP-V139S A-1 06215 KSAR-045 79-PST	KEROTEST MFTR KEROTEST MFTR 3PSW	CB21 PIPE MTD 236.	435092 013 M-69 59-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SPOOSA TEST CONNECT O N ACCUM IC-SA SAMNLE LINE	VALVES PCKLESS GLO 3/8	2SP-V140S A-1 06216 KSAR-045 79-PST	KEROTEST MFTR KEROTEST MFTR 3PSW	CB21 PIPE MTD 235.	435092 013 M-69 59-M69 -20	ASME SECT III 74ED SUM 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SPOOSA BIT OUTLET TO TEST VENT	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V2SA-1 06159 TR# 2804/ TRP 2375	TARGET ROCK CORP TARGET ROCK CORP 790-006	AB21 PIPE MTD 236.	435243 008 M-73A 59-M73 A-21	IEEE 344-75 ASME SECT III	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF DESIGN REPORT 2653D
SAMPLING SYSTEM SPOOSA BIT OUTLET TO TEST VENT N	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V21SA -1 06182 TR#-2804/ TRP 2375	TARGET ROCK TARGET ROCK 790-006	CB21 PIPE MTD 254.	435243 008 M-73 59-M73 A-20	IEEE 344-75 ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF DESIGN REPO T 2653D
SAMPLING SYSTEM SPOOSA S/G-C BLDWN TO S/G SAMPLE COONER-C	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V22SB -1 06188 TR#-2804/ TRP 2375	TARGET ROCK TARGET ROCK 790-006	CB21 PIPE MTD 254.	435243 008 M-73 59-M73 A-20	IEEE 344-75 ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF DESIGN REPO T 2653D

TAGS INCLUDED: 2SP-V138SB-1 ----2SP-V23SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
SAMPLING SYSTEM SPU05A BIT OUTLET TO TEST VENT	VALVES GLOBE3/8 SOLENOID OPER VLV	2SP-V23SA -1 06183 TR#-2804 TRP 2375	TARGET ROCK TARGET ROCK 79Q-006	AB21 PIPE MTD 236.	435243 008 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF DESIGN REPORT 26530
SAMPLING SYSTEM SPU05A LINE THROUGH C ONT PEN M73B - FRON REM 3502A	VALVES 1" GLOBE SOLENOID OPER VLV	2SP-V300S A-1 06217 TR#-2804/ 2375	TARGET ROCK TARGET ROCK 79Q-018	CB21 PIPE MTD 236.	435243 020 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPO T 3871
SAMPLING SYSTEM SPU05A LINE THROUGH C ONT.PEN. M73A- TO REM 1LT-350	VALVES 1" GLOBE SOLENOID OPER VLV	2SP-V301S A-1 06220 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 79Q-018	CB21 PIPE MTD 236.	435243 020 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPO T 3871
SAMPLING SYSTEM SPU05A LINE THROUGH C ONT PEN M73B - FRON REM 3502A	VALVES GLOBE 1" SOLENOID OPER VLV	2SP-V302S B-1 06218 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 79Q-018	AB21 PIPE MTD 255.	435243 020 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPO T 3871
SAMPLING SYSTEM SPU05A LINE THROUGH C ONT.PEN. M73A- TO REM 1LT-350	VALVES GLOBE 1" SOLENOID OPER VLV	2SP-V303S B-1 06221 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 79Q-018	AB21 PIPE MTD 255.	435243 020 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SPU05A LINE THROUGH C ONT PEN M73B - FRON REM 3502A	VALVES 1" GLOBE SOLENOID OPER VLV	2SP-V304S A-1 06219 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 79Q-018	AB21 PIPE MTD 255.	435243 020 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPO T 3871

TAGS INCLUDED: 2SP-V23SA-1 ----2SP-V305SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAMPLING SYSTEM SP005A LINE THROUGH C ONT.PEN. M73A-TO REM 1LT-350	VALVES 1" GLOBE SOLENOID OPER VLV	2SP-V305S A-1 06222 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 790-018	AB21 PIPE MTD 255.	435243 320 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A CONTAINMENT AIR SAMPLING IN POST LOCA	VALVES 1" GLOBE SOLENOID OPER VLV	2SP-V306S A-1 06224 TR#-2804/ TRP-2375	TARGET ROC K TARGET ROCK CORP 790-018	SPAR 236.	435243 320 M-73A 50-M73 A-20	ASME SECT III IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	SPARE
SAMPLING SYSTEM SP005A CONTAINMENT AIR SAMPLING IN POST LOCA	VALVES 1" GLOBE SOLENOID OPER VLV	2SP-V307S A-1 06226 TR#-2804/ TRP-2375	TARGET ROC K TARGET ROCK CORP 790-018	AB21 236.	435243 320 M-73A 50-M73 A-20	ASME SECT III IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	SPARE
SAMPLING SYSTEM SP005A SP LINE TO HY ANALYZER SKID-SB M	VALVES 1" GLOBE SOLENOID OPER VLV	2SP-V308S B-1 06227 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK CORP 790-018	CB21 PIPE MTD 236.	435243 320 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPO T 3871
SAMPLING SYSTEM SP005A SP LINE TO HY ANALYZER SKID-SB N	VALVES 1" GLOBE SOLENOID OPER VLV	2SP-V309S B-1 06228 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK CORP 790-018	CB21 PIPE MTD 236.	435243 320 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPO T 3871
SAMPLING SYSTEM SP005A SP LINE TO HY ANALYZER SKID-SB	VALVES 1" GLOBE SOLENOID OPER VLV	2SP-V314S B-1 06229 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK CORP 790-018	AB21 PIPE MTD 236.	435243 320 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871

TAGS INCLUDED: 2SP-V305SA-1 ----2SP-V315 SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAMPLING SYSTEM SP005A	VALVES	2SP-V315 SB-1 08381	TARGET ROCK TARGET ROCK	AB21 VLV MTD 255.	435243 20 M73A				1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ		MECH
SAMPLING SYSTEM SP005A SP LINE TO HY ANALYZER SKID-SB N	VALVES 1" GLOBE SOLENOID OPER VLV	2SP-V315S B-1 06230 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK CORP 79Q-018	AB21 PIPE MTD 235.	435243 020 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPO T 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V316S A-1 06157 TR#-2804/ TRP-2375	TARGET ROCK CORP TARGE ROCK CORP 79Q-018	CB21 PIPE MTD 235.	435243 021 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V317S B-1 06163 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK CORP 79Q-018	CB31 PIPE MTD 261.	435243 021 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A TEST CONN ON 2 SP1-300-SA (IN SIDN CONT)	VALVES GLOBE 1	2SP-V336S A-1 06231 952677-02	YARWAY YARWAY 5515B-F316	AB21 PIPE MTD 235.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A TEST CONN ON 2 SP-301-SA (IN CONN)	VALVES GLOBE 1	2SP-V337S A-1 06232 952677-02	YARWAY YARWAY 5515B-F316	AB21 PIPE MTD 235.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SP-V315 SB-1 ----2SP-V338SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	VAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
SAMPLING SYSTEM SP005A TEST CONN ON 2 SP-300-SA (OUT SIDE CONT)	VALVES GLOBE 1	2SP-V338S A-1 06233 952677-02	YARWAY YARWAY 5515B-F316	AB21 PIPE MTD 236.	435056 009 M-36Y 50-M36 Y-20	ASME SECT. III 74ED WINTR 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A TEST CONN ON 2 SP1-301-SA (OU TSINE CONT)	VALVES GLOBE 1	2SP-V339S A-1 06234 952677-02	YARWAY YARWAY 5515B-F316	AB21 PIPE MTD 236.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A TEST CONN ON 2 SP1-302-SA N	VALVES GLOBE 1	2SP-V340S A-1 06235 952677-02	YARWAY YARWAY 5515B-F316	AB21 PIPE MTD 236.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A TEST CONN ON 2 SP1-303-SA N	VALVES GLOBE 1	2SP-V341S A-1 06236 952677-02	YARWAY YARWAY 5515B-F316	AB21 PIPE MTD 236.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A TEST CONN ON 2 SP1-304-SB (IN COET)	VALVES GLOBE 1	2SP-V342S B-1 06237 952677-02	YARWAY YARWAY 5515B-F316	AB21 PIPE MTD 236.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SAMPLING SYSTEM SP005A TEST CONN ON 2 SP1-305-SB (IN COET)	VALVES GLOBE 1	2SP-V343S B-1 06238 952677-02	YARWAY YARWAY 5515B-F316	AB21 PIPE MTD 236.	435056 009 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2SP-V338SA-1 ----2SP-V346SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
SAMPLING SYSTEM SP005A TEST CONN ON 2 SP1-306-SB N	VALVES GLOBE 1	2SP-V346S B-1 06239 952677-02	YARWAY YARWAY 5515B-F316	AB21 PIPE MTD 236.	435056 209 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A TEST CONN ON 2 SP1-307-SB	VALVES GLOBE 1	2SP-V347S B-1 06240 952677-02	YARWAY YARWAY 5515B-F316	AB21 PIPE MTD 236.	435056 209 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A CONTAINMENT AIR SAMPLING IN POST LOCA	VALVES 1" GLOBE SOLENOID OPER VLV	2SP-V348S A-1 06225 TR#-2804/ TRP-2375	TARGET ROC KCORP TARGET ROCK 1G15005-3	AB21 PIPE MTD 255.	435243 020 M73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A LINE THROUGH C ONT.PEN. M73A- TO REM 1LT-350	VALVES 1" GLOBE SOLENOID VLV OPER	2SP-V349S A-1 09583 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 790-G18	AB21 PIPE MTD 255.	435243 020 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V386S A-1 06164 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK CORP 790-G19	CB31 PIPE MTD 261.	435243 021 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V387S E-1 06165 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 790-G19	CB31 PIPE MTD 261.	435243 021 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871

TAGS INCLUDED: 2SP-V346SB-1 ----2SP-V388SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V388S A-1 06165 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 79Q-019	CB31 PIPE MTD 261.	435243 021 M-73A 50-473 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V389S B-1 06167 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 79Q-019	CB31 PIPE MTD 261.	435243 021 M-73A 50-473 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V390S A-1 06168 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 79Q-019	CB31 PIPE MTD 261.	435243 021 M-73A 50-473 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V391S B-1 06169 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 79Q-019	CB31 PIPE MTD 261.	435243 021 M-73A 50-473 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V392S A-1 06170 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 79Q-019	CB41 PIPE MTD 261.	435243 021 M-73A 50-473 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V393S B-1 06171 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 79Q-019	CB31 PIPE MTD 261.	435243 021 M-73A 50-473 A-20	IEEE 344-75 ASME SECT III	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871

TAGS INCLUDED: 2SP-V388SA-1 ----2SP-V394SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #														
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V394S A-1 06172 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 790-019	C831 PIPE MTD 261.	435243 021 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V395S B-1 06173 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK 790-019	C831 PIPE MTD 261.	435243 021 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V401S A-1 06177 TR#2804/ TRP-2375	TARGET ROCK TARGET KCORP 790-019	AB21 PIPE MTD 251.	435243 021 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V402S A-1 06178 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK CORP 790-019	AB21 PIPE MTD 251.	435243 021 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V403S B-1 06179 TR#2804/ TRP-2375	TARGET ROCK TARGET KCORP 790-019	AB21 PIPE MTD 251.	435243 021 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES 3/8GLOBE SOLENOID OPER VLV	2SP-V404S B-1 06180 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK CORP 790-019	AB21 PIPE MTD 251.	435243 021 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871

TAGS INCLUDED: 2SP-V394SA-1 ----2SP-V405SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SAMPLING SYSTEM SP005A BIT OUTLET TO TEST VENT	VALVES	2SP-V405S A-1 06181	TARGET ROCK TARGET	CB31 PIPE MTD	435243 124 M-73A	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
	1" GLOBE SOLENOID OPER VLV	TR#-2804/ TRP-2375	ROCK CORP 790-020	261.	50-M73 A-20	ASME SECT III														
SAMPLING SYSTEM SP005A CONTAINMENT ISOLATION OF POST ACCIDENT	VALVES	2SP-V406S B-1 09586	TARGET ROCK CORP TARGET	PIPE MTD	435243 119 M73A	ASME 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPORT 3871
	1" GLOBE SOLENOID OPER VLV	TR#-2804/ TRP-2375	ROCK CORP 790-022		50-M73 A-20	ASME SECT III														
SAMPLING SYSTEM SP005A CONTAINMENT ISOLATION OF POST ACCIDENT	VALVES	2SP-V407S A-1 09585	TARGET ROC KCORP TARGET	AB11 PIPE MTD	435243 119 M-73A	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
	1" GLOBE SOLENOID OPER VLV	TR#-2804/ TRP-2375	ROCK CORP 790-022	230.	50-M73 A-20	ASME SECT III														
SAMPLING SYSTEM SP005A CONTAINMENT ISOLATION OF POSN ACCIDENT	VALVES	2SP-V408S B-1 06243	TARGET ROC KCORP TARGET	CB21 PIPE MTD	435243 023 M-73A	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPO T 3871
	GLOBE3/4 SOLENOID OPER VLV	TR#-2804/ TRP-2375	ROCK CORP 1011105-2	251.	50-M73 A-20	ASME SECT III														
SAMPLING SYSTEM SP005A POST ACC SAMPL E RETURN (GAS) CONNAM ISOLATI	VALVES	2SP-V409S A-1 06244	TARGET ROCK TARGET	AB21 PIPE MTD	435243 023 M-73A	IEEE 344-75	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPO T 3871
	GLOBE3/4 SOLENOID OPER VLV	TR#-2804/ TRP-2375	ROCK CORP 790-021	251.	50-M73 A-20	ASME SECT III														
SAMPLING SYSTEM SP005A S/G-C SAMPLING TO LINE 2SPN/8-18SN	VALVES	2SP-V79SN -1 06195	YARWAY YARWAY	CB31 PIPE MTD	435056 001 M-34Y	ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
	GLOBE 3/4	952677-01	5515B-SA 105	261.	50-M34 Y-20	74ED WINTR 76ADD														

TAGS INCLUDED: 2SP-V405SA-1 ----2SP-V80SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #		Q	I												
SAMPLING SYSTEM SP005A S/G-C SAMPLING TO LINE 2SPN/8-18SN	VALVES GLOBE3/4 SOLENOID OPER VLV	2SP-V80SB -1 06196 TR#-2804/ TRP-2375	TARGET ROCK CORP TARGET ROCK CORP 790-009	CB31 PIPE MTD 263.	435243 006A M-73A 50-M73 A-20	ASME 344-75 ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPO T 2653D
SAMPLING SYSTEM SP005A S/G-C BLDWN SAMPLE TO LINE 2SPN/8-26SN	VALVES GLOBE3/4 SOLENOID OPER VLV	2SP-V81SB -1 06189 TR#-2804/ TRP-2375	TARGET ROCK CORP TARGET ROCK CORP 790-009	CB31 PIPE MTD 263.	435243 006A M-73A 50-M73 A-20	ASME 344-75 ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPO T 2653D
SAMPLING SYSTEM SP005A S/G-B SAMPLING TO LINE 2SPN/8-22SN	VALVES GLOBE 3/4	2SP-V84SN -1 06197 952677-01	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SAMPLING SYSTEM SP005A S/G-B SAMPLING TO LINE 2SPN/8-22SN	VALVES GLOBE3/4 SOLENOID OPER VLV	2SP-V85SB -1 06198 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK CORP 790-009	CB31 PIPE MTD 263.	435243 006A M-73A 50-M73 A-20	ASME 344-75 ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPO T 2653D
SAMPLING SYSTEM SP005A S/G-B BLDWN SAMPLE TO LINE 2SPN/8-22SN	VALVES GLOBE3/4 SOLENOID OPER VLV	2SP-V86SB -1 06191 TR#-2804/ TRP-2375	TARGET ROCK TARGET ROCK CORP 790-009	CB31 PIPE MTD 263.	435243 006A M-73A 50-M73 A-20	ASME 344-75 ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPO T 2653D
SAMPLING SYSTEM SP005A S/G-A SAMPLING TO LINE 2SPN/8-22SN	VALVES GLOBE 3/4	2SP-V89SN -1 06199 952677-01	YARWAY YARWAY 5515B-SA 105	CB31 PIPE MTD 261.	435056 001 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SP-V80SB-1 ----2SP-V90SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SAMPLING SYSTEM SP005A S/G-A SAMPLING TO LINE 2SPN/8-22SN	VALVES GLOBE3/4 SOLENOID OPER VLV	2SP-V90SB -1 06200 TR#-2804/ TRP 2375	TARGET ROC K TARGET ROC K CORP 79Q-009	CB31 PIPE MTD 263.	435243 006A M-73A 59-M73 A-20	ASME 344-75 ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPO T 26530
SAMPLING SYSTEM SP005A S/G-A BLDWN SAMPLE TO LINE 2SPN/8-18SN	VALVES GLOBE3/4 SOLENOID OPER VLV	2SP-V91SB -1 06193 TR#-2804/ TRP2375	TARGET ROC K TARGET ROC K CORP 79Q-009	CB31 PIPE MTD 263.	435243 006A M-73A 59-M73 A-20	ASME 344-75 ASME SECT III	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	REF. DESIGN REPO T 26530

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SQRT #	STDS	Q I												
SCREEN WASH SC0044 WASH WTR TO EMERG SW SCRNS	CONTROL DEVICES PRESSURE SWITCH	PS 1SC 875CA SA 01997 ESE-13	WESTINGH'SE WISD NAL1	AB52 PIC-9 305.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37, 60,88 191, 212	NO WECO TAG#
SCREEN WASH SC0044 WASH WTR TO EMERG SW SCRNS	CONTROL DEVICES PRESSURE SWITCH	PS 1SC 875B SB 01998 ESE-13	WESTINGH'SE WISD NAL1	AB52 PIC-10 305.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 10,37, 60,88 191, 212	NO WECO TAG #
SCREEN WASH SC0044 WASH WTR TO AUX RESEMERG SW SCRNS	CONTROL DEVICES PRESSURE SWITCH	PS 1SC 875A SA 02013 ESE-13	WESTINGH'SE WISD NAL1	AB52 PIC-9 305.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 10,37, 60,88 191, 212	NO WECO TAG #
SCREEN WASH SC0044 WASH WTR TO AUX RESEMERG SW SCRNS	CONTROL DEVICES PRESSURE SWITCH	PS 1SC 875B SB 02014 ESE-13	WESTINGH'SE WISD NAL1 S.0.3	AB52 PIC-10 305.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 10,37, 60,88 191, 212	NO WECO TAG #
SCREEN WASH SC0044 ESW MAIN RES BAY NO.8 SCREEN WASH VA V	CONTROL DEVICES POSITION MAN/AUTO OR CON	ZK 1SC 8764 SA 12141	ROCHESTER INST. PURCH BY FLD VCC-1	LCL	435FLD FLD														
SCREEN WASH SC0044 ESW AUX RES BAY NO.8 SCREEN WASH VA V	CONTROL DEVICES POSITION MAN/AUTO OR CON	ZK 1SC 8765 SA 12140	ROCHESTER INST. PURCH BY FLD VCC-1	LCL	435FLD FLD														

TAGS INCLUDED: PS 1SC 875CA SA----ZK 1SC 8766 SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
SCREEN WASH SC0044 ESW MAIN RES BAY NO.6 SCREEN WASH VA V	CONTROL DEVICES POSITION MAN/AUTO OR CON	ZK 1SC 87 66 SB 12139	ROCHESTER INST. PURCH BY FLD VCC-1	LCL	435FLD FLD															
SCREEN WASH SC0044 ESW MAIN RES BAY NO.6 SCREEN WASH VA V	CONTROL DEVICES POSITION MAN/AUTO OR CON	ZK 1SC 87 67 SB 12138	ROCHESTER INST. PURCH BY FLD VCC-1	LCL	435FLD FLD															
SCREEN WASH SC0044 FIRE SERVICE SCREENWASH VA V 48 TRANS.	CONTROL DEVICES POSITION MAN/AUTO OR CON	ZK 1SC 87 68 SA 12137	ROCHESTER INST. PURCH BY FLD VCC-1	LCL	435FLD FLD															

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SQRT #															
SCREEN WASH	PRIMARY ELEMENT	LE*1SC 87 50A1 SA		IE31 LCL	435275 27	IEEE 344-	A	B	S/S 0.30	S/S 0.47	X	N/A	NA	MF	MD	XTR 14	XTR 15	XTR 15	IN STR 10,52,	
SC0044		01992	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	94 OBE	
MN RESERVOIR	LEVEL PR		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	7,35	
LVL	IMARY EL	45700-1	XM-54852	262.	20	74			VERT	VERT						>33	15	14	63 OBE	
	EMENT								0.46	0.5						HZ	HZ	HZ		
SCREEN WASH	PRIMARY ELEMENT	LE*1SC 87 50A2 SA		IE31 LCL	435275 28	IEEE 344-	A	B	S/S 0.30	S/S 0.47	X	N/A	NA	MF	MD	XTR 14	XTR 15	XTR 15	IN STR 10,52,	
SC0044		01991	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	94 OBE	
MN RESERVOIR	LEVEL PR		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	7,35	
LVL	IMARY EL	45700-1	XM-54853	262.	20	74			VERT	VERT						>33	15	14	63 OBE	
	EMENT								0.46	0.5						HZ	HZ	HZ		
SCREEN WASH	PRIMARY ELEMENT	LE*1SC 87 50A3 SA		IE31 LCL	435275 29	IEEE 344-	A	B	S/S 0.30	S/S 0.47	X	N/A	NA	MF	MD	XTR 14	XTR 15	XTR 15	IN STR 10,52,	
SC0044		01990	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	94 OBE	
MN RESERVOIR	LEVEL PR		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	7,35	
LVL	IMARY EL	45700-1	XM-54853	263.	20	74			VERT	VERT						>33	15	14	63 OBE	
	EMENT								0.46	0.5						HZ	HZ	HZ		
SCREEN WASH	PRIMARY ELEMENT	LE*1SC 87 50A4 SA		IE31 LCL	435275 30	IEEE 344-	A	B	S/S 0.30	S/S 0.47	X	N/A	NA	MF	MD	XTR 14	XTR 15	XTR 15	IN STR 10,52,	
SC0044		01989	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	94 OBE	
MN RESERVOIR	LEVEL PR		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	7,35	
LVL	IMARY EL	45700-1	XM-54853	263.	20	74			VERT	VERT						>33	15	14	63 OBE	
	EMENT								0.46	0.5						HZ	HZ	HZ		
SCREEN WASH	PRIMARY ELEMENT	LE*1SC 87 50B1 SB		IE31 LCL	435275 31	IEEE 344-	A	B	S/S 0.30	S/S 0.47	X	N/A	NA	MF	MD	XTR 14	XTR 15	XTR 15	IN STR 10,52,	
SC0044		01988	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	94 OBE	
MN RESERVOIR	LEVEL PR		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	7,35	
LVL	IMARY EL	45700-1	XM-54852	262.	20	74			VERT	VERT						>33	15	14	63 OBE	
	EMENT								0.46	0.5						HZ	HZ	HZ		
SCREEN WASH	PRIMARY ELEMENT	LE*1SC 87 50B2 SB		IE31 LCL	435275 32	IEEE 344-	A	B	S/S 0.30	S/S 0.47	X	N/A	NA	MF	MD	XTR 14	XTR 15	XTR 15	IN STR 10,52,	
SC0044		01987	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	94 OBE	
MN RESERVOIR	LEVEL PR		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	7,35	
LVL	IMARY EL	45700-1	XM-54853	262.	20	74			VERT	VERT						>33	15	14	63 OBE	
	EMENT								0.46	0.5						HZ	HZ	HZ		

TAGS INCLUDED: LE*1SC 8750A1 S----LE*1SC 8750B3 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1465
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I					S/D							
SCREEN WASH	PRIMARY	LE*1SC 87		IE31	435275	IEEE	A	B	S/S	S/S	X	N/A	NA	MF	MD	XTR	XTR	XTR	IN STR	
	ELEMENT	5083 SB		LCL	33	344-			0.30	0.47						14	15	15	10,52,	
SC0044		01986	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	94 OBE	
MN RESERVOIR	LEVEL PR		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	7,35	
LVL	IMARY EL	45700-1	XM-54853	263.	20	74			VERT	VERT						>33	15	14	63 OBE	
	EMENT								0.46	0.5						HZ	HZ	HZ		
SCREEN WASH	PRIMARY	LE*1SC 87		IE31	435275	IEEE	A	B	S/S	S/S	X	N/A	NA	MF	MD	XTR	XTR	XTR	IN STR	
	ELEMENT	5084 SB		LCL	34	344-			0.30	0.47						14	15	15	10,52,	
SC0044		01985	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	94 OBE	
MN RESERVOIR	LEVEL PR		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	7,35	
LVL	IMARY EL	45700-1	XM-54853	263.	20	74			VERT	VERT						>33	15	14	63 OBE	
	EMENT								0.46	0.5						HZ	HZ	HZ		
SCREEN WASH	PRIMARY	LE*1SC 87		SS31	435275	IEEE	A	B	S/S	S/S	X	N/A	NA	MF	MD	XTR	XTR	XTR	SC STR	
	ELEMENT	52A1 SA		LCL	21	344-			0.30	0.47						14	15	15	12,24	
SC0044		02009	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	35,46	
AUX RESERVOIR	LEVEL PR		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	58,70	
LVL	IMARY EL	45700-1	XM-54852	262.	20	74			VERT	VERT						>33	15	14		
	EMENT								0.46	0.5						HZ	HZ	HZ		
SCREEN WASH	PRIMARY	LE*1SC 87		SS31	435275	IEEE	A	B	S/S	S/S	X	N/A	NA	MF	MD	XTR	XTR	XTR	SC STR	
	ELEMENT	52A2 SA		LCL	22	344-			0.30	0.47						14	15	15	12,24	
SC0044		02008	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	35,46	
AUX RESERVOIR	LEVEL PR		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	58,70	
LVL	IMARY EL	45700-1	XM-54853	262.	20	74			VERT	VERT						>33	15	14		
	EMENT								0.46	0.5						HZ	HZ	HZ		
SCREEN WASH	PRIMARY	LE*1SC 87		SS31	435275	IEEE	A	B	S/S	S/S	X	N/A	NA	MF	MD	XTR	XTR	XTR	SC STR	
	ELEMENT	52B1 SB		LCL	23	344-			0.30	0.47						14	15	15	12,24	
SC0044		02007	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	35,46	
AUX RESERVOIR	LEVEL PR		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	FEC	REC	58,70	
LVL	IMARY EL	45700-1	XM-54852	262.	20	74			VERT	VERT						>33	15	14		
	EMENT								0.46	0.5						HZ	HZ	HZ		
SCREEN WASH	PRIMARY	LE*1SC 87		SS31	435275	IEEE	A	B	S/S	S/S	X	N/A	NA.	MF	MD	XTR	XTR	XTR	SC STR	
	ELEMENT	52B2 SB		LCL	24	344-			0.30	0.47						14	15	15	12,24	
SC0044		02010	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	35,46	
AUX RESERVOIR	LEVEL PR		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	58,70	
LVL	IMARY EL	45700-1	XM-54853	262.	20	74			VERT	VERT						>33	15	14		
	EMENT								0.46	0.5						HZ	HZ	HZ		

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SCREEN WASH SC0044 DRIVER OF ESW SCREEN WASH PUMP	PUMPS SCREEN WASH PUMP MOTOR	1ASA SC.WASH P MOT 08070 796-A-85	CRANE-DEMING RELIANCE ELECTRIC 1YF-882619	IE31 SWSWP FLOOR 261.	435178 002 M-11 50-M11 -20	IEEE 344-75	A		.25G HOR .18G HOR .17G VERT	.40G HOR .35G HOR .30G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	IS. EL 260 .5 PT9	COMPUTER PROGRAM #706
SCREEN WASH SC0044 DRIVER OF ESW SCREEN WASH PUMP	PUMPS SCREEN WASH PUMP MOTOR	1BSB SC.WASH P MOT 08088 796-A-85	CRANE-DEMING RELIANCE ELECTRIC 1YF-882619	IE31 SWSWP FLOOR 261.	435178 002 M-11 50-M11 -20	IEEE 344-75	A		.25G HOR .18G HOR .17G VERT	.40G HOR .35G HOR .30G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	IS. EL 260 .5 PT9	COMPUTER PROGRAM #706

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SQRT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SCREEN WASH SC0044 MN RESERVOIR LVL	SENSORS LEVEL TRANSMITTER	LIT*1SC87 50A SA 01994 45700-1	TRNSAMERICA-DELAVEL-RE-36562	IE31 Y21C7 ESF-A 262.	435275 35 IN33 IN33-20	IEEE 344-75 323-74	A	D	S/S 0.30 F/B 0.30 VERT 0.46	S/S 0.47 F/B 0.47 VERT 0.5	X	N/A	NA	MF	MD	XTR 14 HZ REC >33 HZ	XTR 15 HZ REC 15 HZ	XTR 15 HZ REC 14 HZ	IN STR 10,52, 94 OBE 7,35 63 OBE	
SCREEN WASH SC0044 MN RESERVOIR LVL	SENSORS LEVEL TRANSMITTER	LIT*1SC87 5GB SB 01993 45700-1	TRNSAMERICA-DELAVEL-RE-36562	IE31 Y21C8 ESF-B 262.	435275 35 IN33 IN33-20	IEEE 344-75 323-74	A	D	S/S 0.30 F/B 0.30 VERT 0.46	S/S 0.47 F/B 0.47 VERT 0.5	X	N/A	NA	MF	MD	XTR 14 HZ REC >33 HZ	XTR 15 HZ REC 15 HZ	XTR 15 HZ REC 14 HZ	IN STR 10,52, 94 OBE 7,35 63 OBE	
SCREEN WASH SC0044 AUX RESERVOIR LVL	SENSORS LEVEL TRANSMITTER	LIT*1SC87 52A SA 02011 45700-1	TRNSAMERICA-DELAVEL-RE-36562	SS31 Y21C1 ESFAB 262.	435275 25 IN33 IN33-20	IEEE 344-75 323-74	A	D	S/S 0.30 F/B 0.30 VERT 0.46	S/S 0.47 F/B 0.47 VERT 0.5	X	N/A	NA	MF	MD	XTR 14 HZ REC >33 HZ	XTR 15 HZ REC 15 HZ	XTR 15 HZ REC 14 HZ	SC STR 12,24 35,46 58,70	
SCREEN WASH SC0044 AUX RESERVOIR LVL	SENSORS LEVEL TRANSMITTER	LIT*1SC87 52B SB 02012 45700-1	TRNSAMERICA-DELAVEL-RE-36562	SS31 Y21C1 ESFAB 262.	435275 26 IN33 IN33-20	IEEE 344-75 323-74	A	D	S/S 0.30 F/B 0.30 VERT 0.46	S/S 0.47 F/B 0.47 VERT 0.5	X	N/A	NA	MF	MD	XTR 14 HZ REC >33 HZ	XTR 15 HZ REC 15 HZ	XTR 15 HZ REC 14 HZ	SC STR 12,24 35,46 58,70	
SCREEN WASH SC0044 WASH WTR TO EMERG SW SCRNS	SENSORS PRESSURE TRANSMITTER	PT 1SC 87 50A SA 02000 108025RB 108026RA	ROSEMOUNT 1153GB7	AB31 Y21C7 ESF-A 262.	435102 211 IN01 IN01-20	IEEE 344-75 323-74	A	B	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	ESWINT 10,52 94,7 35,63	RESPONSE SPECTRUM FOR OBE, OBE RESPECT
SCREEN WASH SC0044 WASH WTR TO EMERG SW SCRNS	SENSORS PRESSURE TRANSMITTER	PT 1SC 87 5GB SB 01999 108025RB 108026RA	ROSEMOUNT 1153GB7	AB31 Y21C8 ESF-B 262.	435102 212 IN01 IN01-20	IEEE 344-75 323-74	A	B	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	ESWINT 10,52 94,7 35,63	RESPONSE SPECTRUM FOR OBE, OBE RESPECT

TAGS INCLUDED: LIT*1SC875UA SA----PT 1SC 8752A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1468
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQPT #	STDS	Q	I												
SCREEN WASH	SENSORS	PT 1SC 87 52A SA		SS31 Y21C1	435102 213	IEEE 344-	A	B	F/B 0.30	F/B 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	SCRN 24,12	RESPONSE SPECTRUM
SC0044		02C15	ROSEMOUNT	ESFAB	IN01	75			S/S	S/S									70,46	FOR DBE,
WASH WTR TO AU	PRESSURE	108025RB			IN01-	323-			0.30	0.45									35,58	OBE RESP
X RESEMERG SW	TRANSMI	108026RA	1153GB7	262.	20	74			VERT	VERT										ECT
SCRNS	TTER								0.30	0.45										
SCREEN WASH	SENSORS	PT 1SC 87 528 SB		SS31 Y21C1	435102 214	IEEE 344-	A	B	F/B 0.30	F/B 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	SCRN 24,12	RESPONSE SPECTRUM
SC0044		02D16	ROSEMOUNT	ESFAB	IN01	75			S/S	S/S									70,46	FOR DBE,
WASH WTR TO AU	PRESSURE	108025RB			IN01-	323-			0.30	0.45									35,58	OBE RESP
X RESEMERG SW	TRANSMI	108026RA	1153GB7	262.	20	74			VERT	VERT										ECT
SCRNS	TTER								0.30	0.45										

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O	I												
SCREEN WASH	VALVES	3SC-V15SA-1	ITT HAMMEL DAHL	IE31 PIPE	435176 123	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN
SC0044		05723	ITT HAMMEL	MTD	M-66H	III			1G	2G										SAP RV
HYDROMOTOR OP	GLOBE	REPORT	DAHL		50-M66	77ED			VERT	VERT										COMPUTER
E	3	NO.3704	V502LGC82C AZ9	262.	H-20	WINTR 77ADD														PROGRAM
SCREEN WASH	VALVES	3SC-V15SA-1	ITT HAMMEL DAHL	IE31 PIPE	435176 123	IEEE 344-		B			X								NA	
SC0044		09288	ITT GENERA	MTD	M-66H	75														R
HYDROMOTOR OP	MOTOR	REPORT NO	L CONTROL		50-M66															
E	OPERATOR	721.77095	V502LGC82C AZ9	262.	H-20															
SCREEN WASH	VALVES	3SC-V26SA-1	ITT HAMMEL DAHL	SS31 PIPE	435176 123	ASME SECT	A		1.5G HOR	3G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN
SC0044		05732	ITT HAMMEL	MTD	M-66N	III			1G	2G										SAP IV
ESW SCRN WSH T	GLOBE	REPORT	DAHL		50-M66	77ED			VERT	VERT										COMPUTER
O SCRN IN AUX-	3	NO.3704	V502LGC82C AZ9	262.	H-20	WINTR 77ADD														PROGRAM
SCREEN WASH	VALVES	3SC-V26SA-1	ITT HAMMEL DAHL	IE31 VLV	435176 123	IEEE 344-		C			X								NA	
SC0044		09287	ITT GENERA	MTD	M-66H	75														
ESW SCREEN WAS	MOTOR OP	REPORT NO	L CONTROL		50-M66															
H TO ESW SCREE	ERATOR	721.77095	NH91K6002F	262.	H-20															
SCREEN WASH	VALVES	3SC-V27SA-1	PACIFIC VLV.	ESWS PIPE	435022 002	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL-USIN
SC0044		05720	PACIFIC	MTD	M-33P	III			1 G	2 G										PACIFIC
ESW SCREEN WAS	GATE	FA-5481	VLV.		50-M33	74 ED			VERT	VERT										VALVE
H PUMP-1A DISC	3		150-7-WE-X		P-20	SUMM 76ADD														PROGRAM PVSAP
SCREEN WASH	VALVES	3SC-V28SA-1	PACIFIC VLV.	ESWS	435022 001	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN
SC0044		05721	PACIFIC	PIPE	M-33P	III			1 G	1 G										PACIFIC
ESW SCREEN WAS	CHECK	FA-5474	VLV.		50-M33	74ED			VERT	VERT										VALVE
H PUMP-1A DISC	3		180-7-WE-X		P-20	SUMM 76ADD														PROGRAM PVSAP

TAGS INCLUDED: 3SC-V15SA-1 ----3SC-V29SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SCREEN WASH SC0044 PI CONN AT ESW SCREEN WASH PUMP DISCH	VALVES GLOBE 1	3SC-V29SA -1 05722 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435354 005 M-34Y 50-934 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SCREEN WASH SC0044 ESW SCREEN WASH TO ESW SCREEN IN MAIN STRU	VALVES GLOBE 3	3SC-V30SB -1 05727 REPORT NO.3704	ITT HAMMEL DAHL ITT HAMMEL DAHL V502LGC82C AZ9	IE31 PIPE MTD 262.	435176 128 M-66H 50-966 H-20	ASME SECT III 77ED WINTR 77ADD	A	C	1.5G HOR 1 G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	ANALYSIS W/EXTERN-SUPP TEST W/O SUPP COMP CODE SAP IV
SCREEN WASH SC0044 HYDROMOTOR OPE	VALVES MOTOR OPERATOR	3SC-V30SB -1 09289 REPORT NO 721.77095	ITT HAMMEL DAHL ITT GENERAL CONTROL NH91K6002F	IE31 VLV MTD 262.	435176 128 M-66H 50-966 H-202	IEEE 344-75		B			X								NA	R
SCREEN WASH SC0044 ESW SCREEN WASH TO SCREEN IN AUX STRUCT	VALVES GLOBE 3	3SC-V31SB -1 05734 REPORT NO.3704	ITT HAMMEL DAHL ITT HAMMEL DAHL V502LGC82C AZ9	SS31 PIPE MTD 262.	435176 128 M-66H 50-966 H-20	ASME SECT III 77ED WINTR 77ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	ANALYSIS W/EXTERN. SUPP TEST W/O SUPP COMP CODE SAP IV
SCREEN WASH SC0044 HYDROMOTOR OP	VALVES MOTOR OPERATOR	3SC-V31SB -1 09290 REPORT NO 721.77095	ITT HAMMEL DAHL ITT GENERAL CONTROL V502LGC82C AZ9	IE31 PIPE MTD 262.	435176 128 M-66H 50-966 H-20	IEEE 344-75		B			X								NA	
SCREEN WASH SC0044 ESW SCREEN WASH PUMP-1B DISCH	VALVES GATE 3	3SC-V32SB -1 05724 FA-5481	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	ESWS PIPE MTD	435022 002 M-33B 50-933 P-20	ASME SECT III 74 ED SUMM 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL-USIN PACIFIC VALVE PROGRAM PVSAP

TAGS INCLUDED: 3SC-V29SA-1 ----3SC-V33SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SCREEN WASH	VALVES	3SC-V33SB	PACIFIC	ESWS	435022	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	COMPUTER
		-1	VLV.	PIPE	001	SECT			HOR	HOR						HZ	HZ	HZ		ANAL USIN
SC0044		05725	PACIFIC	MTD	M-33P	III			1 G	2 G										PACIFIC
ESW SCREEN WAS	CHECK	FA-5474	VLV.		50-M33				VERT	VERT										VALVE
H PUMP-1B DISC	3		180-7-WE-X		P-20	SUMM														PROGRAM
H						76ADD														PVSAP
SCREEN WASH	VALVES	3SC-V34SB	YARWAY		435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SC0044		05726	YARWAY	MTD	M-34Y	III			1G	2G										
PI CONN AT ESW	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
SCREEN WASH P	1		5515B-SA		Y-20	WINTR														
UMP DISCH			105			76ADD														
SCREEN WASH	VALVES	3SC-V35SA	YARWAY		435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SC0044		05728	YARWAY	MTD	M-34Y	III			1G	2G										
PS CONN AT ESW	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
SCREEN INLET	1		5515B-SA		Y-20	WINTR														
MAIN STRUCT			105			76ADD														
SCREEN WASH	VALVES	3SC-V36SB	YARWAY		435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SC0044		05731	YARWAY	MTD	M-34Y	III			1 G	2 G										
PS CONN AT ESW	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SCREEN INLET	1		5515B-SA		Y-20	WINTR														
MAIN STRUCT			105			76ADD														
SCREEN WASH	VALVES	3SC-V46SA	PACIFIC	ESWS	435022	ASME	A	B	1.5G	3 G	X		S	SF	MD	>33	>33	>33	NA	COMPUTER
		-1	VLV.	PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		ANAL-USIN
SC0044		05729	PACIFIC	MTD	M-33P	III			1 G	2 G										PACIFIC
CT MP SCREEN W	GATE	FA-5481	VLV.		50-M33	74 ED			VERT	VERT										VALVE
ASH TO ESW SCR	3		150-7-WE-X		P-20	SUMM														PROGRAM
EEN						76ADD														PVSAP
SCREEN WASH	VALVES	3SC-V47SB	PACIFIC	ESWS	435022	ASME	A	B	1.5G	3 G	X		S	SF	MD	>33	>33	>33	NA	COMPUTER
		-1	VLV.	PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		ANAL-USIN
SC0044		05730	PACIFIC	MTD	M-33P	III			1 G	2 G										PACIFIC
CT MP SCREEN W	GATE	FA-5481	VLV.		50-M33	74 ED			VERT	VERT										VALVE
ASH TO ESW SCR	3		150-7-WE-X		P-20	SUMM														PROGRAM
EEN						76ADD														PVSAP

TAGS INCLUDED: 3SC-V33SB-1 ----3SC-V48SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #		Q	I												
SCREEN WASH	VALVES	3SC-V48SA -1	ITT HAMMEL DAHL	SS31 PIPE	435176 12?	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	ANALYSIS W/EXTERN.
SC0C44		05733	ITT HAMMEL	MTD	M-66H	III			1G	2G										SUPP TEST
ESW SCRN WSH T	GLOBE	REPORT	DAHL		50-M46	77ED			VERT	VERT										W/O SUPP
O SCRN IN AUX-	3	NO.3704	V502LGC82C	262.	H-20	WINTR														COMP CODE
STRUCT.FOR UNI			AZ9			77ADD														SAP IV
SCREEN WASH	VALVES	3SC-V48SA -1	ITT HAMMEL DAHL	SS31 VLV	435176 12?	IEEE 344-		B			X								NA	
SC0044		11498	ITT GENERA	MTD	M-66H	75														
HYDROMOTOR OP	MOTOR	REPORT NO	L CONTROL		50-M66															
	OPERATOR	721.77095	NH91K6002F	262.	H-20															
SCREEN WASH	VALVES	3SC-V50SB -1	YARWAY	PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SC0C44		05735	YARWAY	MTD	M-34Y	III			1 G	2 G										
PS CONN AT ESW	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SCREEN INLET	1		5515B-SA		Y-20	WINTR														
AUX STRUCT			105			76ADD														
SCREEN WASH	VALVES	3SC-V52SB -1	YARWAY	PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SC0044		05736	YARWAY	MTD	M-34Y	III			1 G	2 G										
PX CONN AT ESW	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SC PUMP DISCH	1		5515B-SA		Y-20	WINTR														
			105			76ADD														
SCREEN WASH	VALVES	3SC-V53SA -1	YARWAY	PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SC0G44		05737	YARWAY	MTD	M-34Y	III			1 G	2 G										
PX CONN AT ESW	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SC PUMP DISCH	1		5515E-SA		Y-20	WINTR														
			105			76ADD														
SCREEN WASH	VALVES	3SC-V65SA -1	YARWAY	PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SC0044		05738	YARWAY	MTD	M-34Y	III			1 G	2 G										
ESW SC PUMP CA	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SING DRN	1		5515B-SA		Y-20	WINTR														
			105			76ADD														

TAGS INCLUDED: 3SC-V48SA-1 ----3SC-V66SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SCREEN WASH SCC044 ESW SC PUMP CASING DRN	VALVES GLOBE 1	3SC-V66SB-1 05739 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SCREEN WASH SCC044 ESW SC PUMP DISCH PIPE DRN	VALVES GLOBE 1	3SC-V67SA-1 05740 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SCREEN WASH SCC044 ESW SC PUMP DISCH PIPE DRN	VALVES GLOBE 1	3SC-V68SB-1 05741 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SCREEN WASH SCC044 ESW SC PUMP DISCH PIPE VENT	VALVES GLOBE 1	3SC-V71SA-1 05742 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006? M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SCREEN WASH SCC044 ESW SC PUMP DISCH PIPE VENT	VALVES GLOBE 1	3SC-V72SB-1 05743 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SCREEN WASH SCC044 DR CONN AT ESW SCREEN WASH PUMP 1A-SA DIS	VALVES GLOBE 1	3SC-V93SA-1 05744 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SC-V66SB-1 ----3SC-V94SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- G 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1474
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
SCREEN WASH SC0044 DR CONN AT ESW SCREEN WASH PUMP 1B-SB DIS	VALVES GLOBE 1	3SC-V94SB -1 05745 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 106 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SCREEN WASH SC0044 DR CONN AT ESW SCREEN WASH PUMP 1B-SB DIS	VALVES GLOBE 1	3SC-V96SB -1 05746 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 106 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	SO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
SEC.WASTE TRTMENT 0144 MOVES AIR	AIR HANDLING UNIT FAN	AH-29(1X-SB) 07061 WESTEL956 & ADD NO1	BAHNSON WESTINGHOUSE 3012	SW21 236.	435105 BE-08 90-BE-08-20-S3B	IEEE 344-7 5 AS ME SEC-II, III	A	.16G H NS .14G H EW .50G V	.30G H NS .23G H EW .80G V	X	NA	NA	MF	MD	NA	NA	NA	FHB-08 E;31,67,175 FHB-08 E;46,100,262	
SEC.WASTE TRTMENT 0144 COOL AIR FOR ESF AHU	AIR HANDLING UNIT COOLING COIL	AH-29(1X-SB) 07062 CCL#A-205-79	BAHNSON CARRIER 28SW5412FK 6036BT	SW21 236.	435105 BE-08 90-BE-08-20-S2A	IEEE 344-7 5 AS ME SEC-II, III	A	.16G H NS .14G H EW .50G V	.30G H NS .23G H EW .80G V	X	X	SD	NA	NA	NA	NA	NA	FHB-08 E;31,67,175 FHB-08 E;46,100,262	
SEC.WASTE TRTMENT 0144 DRIVE FAN	AIR HANDLING UNIT MOTOR	AH-29(1X-SB) 07065 RLNCE# 798-A-121	BAHNSON RELIANCE 182T	SW21 236.	435105 BE-08 90-BE-08-20-S5L	IEEE 344-7 5,334 -74,3 23-74	A	.16G H NS .14G H EW .50G V	.30G H NS .23G H EW .80G V	X	NA	S	NA	NA	>33	>33	>33	FHB-08 E;31,67,175 FHB-08 E;46,100,262	
SEC.WASTE TRTMENT 0144 COOLING OF SPACE	AIR HANDLING UNIT AIR HANDLING UNIT	AH-29(1X-SB) 07066 CCL#A-198-79-02	BAHNSON BAHNSON	SW21 236.	435105 BE-08 90-BE-08-20-S1	IEEE 344-7 5 AS ME SEC-II, III	A	.16G H NS .14G H EW .50G V	.30G H NS .23G H EW .80G V	X	X	SD	NA	NA	NA	NA	NA	FHBDBE 31,67,175 FHBDBE 46,100,262	
SEC.WASTE TRTMENT 0144 DRAIN FOR COOLING COIL	AIR HANDLING UNIT DRAIN MANIFOLD	AH-29(1X-SB) 07064 CCLCALC 10-13-82	BAHNSON BAHNSON 236.	SW21	435105 BE-08 90-BE-08-20-S7	IEEE 344-7 5 AISC CODE	A	.16G H NS .14G H EW .50G V	.30G H NS .23G H EW .80G V	X	NA	S	NA	NA	NA	NA	NA	FHB-08 E;31,67,175 FHB-08 E;46,100,262	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
SERVICE AIR	VALVES	2SA-V107S	YARWAY	CB21	435054	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		N-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SA0089		05715	YARWAY	MTD	M-34Y	III			1G	2G										R
LEAK TEST CONN	GLOBE				50-434	74ED			VERT	VERT										
FOR CONT 150	1	952677-02	5515B-SA	236.	Y-20	WINTR														
VALEE			105			76ADD														
SERVICE AIR	VALVES	2SA-V14SN	YARWAY	AB21	435054	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	003	SECT			HOR	HOR						HZ	HZ	HZ		
SA0089		05713	YARWAY	MTD	M-34Y	III			1G	2G										
SA AT CONTAIN-	GLOBE				50-434	74ED			VERT	VERT										
MENT BLDG	2	952677-04	5515B-SA	236.	Y-20	WINTR														
PENNTRATION			105			76ADD														
SERVICE AIR	VALVES	2SA-V15SN	ROCKWELL	CB21	435057	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		-1	INTERNATI	PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SA0089		05714	ROCKWELL	MTD	M-36R	III			1 G	2 G										R
SA AT CONTAINM	CHECK	SA-479288	INTERNATI		50-436	71ED			VERT	VERT										
ENT BLDG PENET	2		FIG.3674F3	235.	R-20	SUM														
RATEON			16T2			73ADD														
SERVICE AIR	VALVES	3SA-V301S	TARGET ROC	AB31	435243	IEEE	A	B	1.5G	3 G	X		S	SF	MD	>33	>33	>33	N/A	REF
		A-1	K	PIPE	010	344-			HOR	HOR						HZ	HZ	HZ		DESIGN
SA0089		05716	TARGET ROC	MTD	M-73A	75			1 G	2 G										REPORT
SA FOR HVAC ES	GLOBE 1"	TR#-28047	K		50-473	ASME			VERT	VERT										26530
SENTIAL SER	SOLENOID	TRP2375	790-004	261.	A-20	SECT														
CHIELED WATER	OPER VLV					III														
SERVICE AIR	VALVES	3SA-V302S	TARGET ROC	AB31	435243	IEEE	A	B	1.5G	3 G	X		S	SF	MD	>33	>33	>33	N/A	REF
		B-1	K	PIPE	010	344-			HOR	HOR						HZ	HZ	HZ		DESIGN
SA0089		05717	TARGET ROC	MTD	M-73A	75			1 G	2 G										REPORT
SA FOR HVAC ES	GLOBE 1"	TR#-28047	K		50-473	ASME			VERT	VERT										26530
SENTIAL SER	SOLENOID	TRP2375	790-004	261.	A-20	SECT														
CHIELED WATER	OPER VLV					III														
SERVICE AIR	VALVES	3SA-V306S	TARGET ROC	AB31	435243	IEEE	A	B	1.5G	3 G	X		S	SF	MD	>33	>33	>33	N/A	REF
		B-1	K	PIPE	010	344-			HOR	HOR						HZ	HZ	HZ		DESIGN
SA0089		05718	TARGET ROC	MTD	M-73A	75			1 G	2 G										REPORT
SA FOR HVAC ES	GLOBE 1"	TR#-28047	K		50-473	ASME			VERT	VERT										26530
SENTIAL SER	SOLENOID	TRP2375	790-004	261.	A-20	SECT														
CHIELED WATER	OPER VLV					III														

TAGS INCLUDED: 2SA-V107SN-1 ----3SA-V307SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1477
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SERVICE AIR	VALVES	3SA-V307S A-1 05719	TARGET ROC K	AB31 PIPE	435243	IEEE 344-75	A	B	1.5G HOR	3 G HOR	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF DESIGN REPORT 26530
SA00B9 SA FOR HVAC ESSENTIAL SERCHIELED WATER	GLOBE 1" SOLENOID OPER VLV	TR#-28047 TRP2375	TARGET ROC K 79Q-C04	MTD 261.	M-73A 50-M73 A-20	ASME SECT III			1 G VERT	2 G VERT										

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SERVICE WATER	CONTROL DEVICES	FS 1SW 70 50A SA 01634	WESTINGH'S E WISD	AB52 PIC- C9	435002 A-02	IEEE 323-7 4,344 -75	A				X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 10,37, 60,88 191, 212	
SW0015 SW FRM A CC WT R HX LO FLOW	FLOW SWI TCH	ESE-13	NAL2	305.																FS7050A
SERVICE WATER	CONTROL DEVICES	FS 1SW 70 50A1 SA 01632	WESTINGH'S E WISD	AB52 PIC- C9	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37, 60,88 191, 212	
SW0015 SW FRM A CC WT R HX HI FLOW	FLOW SWI TCH	ESE-13	NAL2	305.																FS7050A1
SERVICE WATER	CONTROL DEVICES	FS 1SW 70 50B SB 01631	WESTINGH'S E WISD	AB52 PIC- C10	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37, 60,88 191, 212	
SW0015 SW FRM B CC WT R HX LO FLOW	FLOW SWI TCH	ESE-13	NAL2	305.																FS7050B
SERVICE WATER	CONTROL DEVICES	FS 1SW 70 50B1 SB 01633	WESTINGH'S E WISD	AB52 PIC- C10	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37, 60,88, 191, 212	
SW0015 SW FRM B CC WT R HX HI FLOW	FLOW SWI TCH	ESE-13	NAL2	305.																FS7050B1
SERVICE WATER	CONTROL DEVICES	FS 1SW 91 05A S 02105	N/A	IE31 PIPE MTD	435267 121 IN35	IEEE 344- 75	A		4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESON- ANCES NOTED IN NATURAL FREQ.
SW0015 EMER SW PMP A SEAL & BRG WTR FLOW	FLOW SWI TCH	708048 708058	FLUID COMPONENT FR-72-4	262.	IN35- 20															
SERVICE WATER	CONTROL DEVICES	FS 1SW 91 05B S 02106	N/A	IE31 PIPE MTD	435267 122 IN35	IEEE 344- 75	A		4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESON- ANCES NOTED IN NATURAL FREQ.
SW0015 EMER SW PMP B SEAL & BRG WTR FLOW	FLOW SWI TCH	708048 708058	FLUID COMPONENT FR-72-4	262.	IN35- 20															

TAGS INCLUDED: FS 1SW 7050A SA----FS 1SW 9106A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 ESW PMP SEAL/B EARING WTR BOO STEN PMP 1A-N	CONTROL DEVICES FLOW SWI TCH	FS 1SW 91 06A SA 09699 708C48 708C58	N/A FLUID COMPONENT FR-72-4	IE31 PIPE MTD 262.	435267 221 IN35 IN35-20	IEEE 344-75 323-74	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
SERVICE WATER SW0015 ESW PMP SEAL/B EARING WTR BOO STEN PMP 1B-N	CONTROL DEVICES FLOW SWI TCH	FS 1SW 91 06B SB 09698 708C48 708C58	N/A FLUID COMPONENT INC FR-72-4	IE31 PIPE MTD 262.	435267 222 IN35 IN35-20	IEEE 344-75 323-74	A	D	4 HORZ 4 VERT	6 HORZ 6 VERT	X	N/A	NA	MF	MD	N/A	N/A	N/A	N/A	NO RESONANCES NOTE IN NATURAL FREQ.
SERVICE WATER SW0015 ESW PMP SEAL/B EARING WTR BOO STER PMP 1 A-	CONTROL DEVICES FLOW SWI TCH	FS 1SW 91 07A SA 12313	FLUID COMPONENT FR-72-4/S. A.	PIPE MTD	435267 230 IN35															
SERVICE WATER SW0015 ESW PMP SEAL/B EARING WTR BOO STER PMP 1 B-	CONTROL DEVICES FLOW SWI TCH	FS 1SW 91 07B SB 12314	FLUID COMPONENT FR-72-4/S. A.	PIPE MTD	435267 231 IN35															
SERVICE WATER SW0015 SW FROM WC-2(1 A-SA)LO FLOW	CONTROL DEVICES FLOW SWI TCH	FS 1SW 92 05A SA 02145 FSE-13	WESTINGH'S E WISD NAL2	AB52 PIC-C9 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37, 60,88, 191, 212	FS9205A
SEPVICE WATER SW0015 SW FROM WC-2(1 A-SA)HI FLOW	CONTROL DEVICES FLOW SWI TCH	FS 1SW 92 05A1 SA 02144 ESE-13	WESTINGH'S E WISD NAL2	AB52 PIC-C9 305.	435002 A-02	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,88, 191, 212	FS9205A1

TAGS INCLUDED: FS 1SW 9106A SA----FS 1SW 9205B SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANA LYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER SW0015 SW FROM WC-2(1 B-SB)LO FLOW	CONTROL DEVICES FLOW SWI TCH	FS 1SW 92 058 SB 02147 ESE-13	WESTINGH'S E WISD NAL2	AB52 PIC-C10 305.	435002 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA812-10,37,60,88,191,212	FS9205B
SERVICE WATER SW0015 SW FROM WC-2(1 B-SB)HI FLOW	CONTROL DEVICES FLOW SWI TCH	FS 1SW 92 05B1 SB 02146 ESE-13	WESTINGH'S E WISD NAL2	AB52 PIC-C10 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA812-10,37,60,88,191,212	FS9205B1
SERVICE WATER SW0015 SW THRU A AUX BLDG CHLLR WC2 1A-SA	CONTROL DEVICES FLOW SWI TCH	FS 1SW 92 09A1 SA 02168 ESE-13	WESTINGH'S E WISD NAL1	AB52 PIC-C13 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA812-10,37,60,88,191,212	FS9209A1
SERVICE WATER SW0015 SW THRU A AUX BLDG CHLLR WC2 1A-SA	CONTROL DEVICES FLOW SWI TCH	FS 1SW 92 09A2 SA 02167 ESE-13	WESTINGH'S E WISD NAL1	AB52 PIC-C 13 305.	435002 A-02	323-7 323-7 4,344 -75	A	B						MF	MD	<33 HZ	<33 HZ	<33 HZ	RA812 10,37,60,88,191,212	FS9209A2
SERVICE WATER SW0015 SW THRU B AUX BLDG CHLLR WC2 1B-SB	CONTROL DEVICES FLOW SWI TCH	FS 1SW 92 09B1 SB 02166 ESE-13	WESTINGH'S E WISD NAL1	AB52 PIC-C14 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA812-10,37,60,88,191,212	FS9209B1
SERVICE WATER SW0015 SW THRU B AUX BLDG CHLLR WC2 1B-SB	CONTROL DEVICES FLOW SWI TCH	FS 1SW 92 09B2 SB 12005	WESTINGH'S E WESTINGH'S E NALI WSO-3	PIC-C14	435002 A-02															

TAGS INCLUDED: FS 1SW 9205B SB----FS 1SW 9275A SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SERVICE WATER	CONTROL DEVICES	FS 1SW 92 75A SB	WESTINGH'S E	AB52 PIC-	435002	IEEE 323-7	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 10,37,	
SW0015		02204	WISD	C10	A-02	4,344													60,88,	
SW FROM CONT F	FLOW SWI	ESE-13				-75													191,	
AN CLR AH-1	TCH		NAL2	305.															212	FS9275A
LO FLOW																				
SERVICE WATER	CONTROL DEVICES	FS 1SW 92 75A1 SB	WESTINGH'S E	AB52 PIC-	435002	IEEE 323-7	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 10,37,	
SW0015		02203	WISD	C10	A-02	4,344													60,88,	
SW FROM CONT F	FLOW SWI	ESE-13				-75													191,	
AN CLR AH-1	TCH			305.															212	FS9275A1
HI FLOW																				
SERVICE WATER	CONTROL DEVICES	FS 1SW 92 75B SA	WESTINGH'S E	AB52 PIC-	435002	IEEE 323-7	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 10,37,	
SW0015		02202	WISD	C09	A-02	4,344													60,88,	
SW FROM CONT F	FLOW SWI	ESE-13				-75													191,	
AN CLR AH-2	TCH		NAL2	305.															212	FS9275B
LO FLOW																				
SERVICE WATER	CONTROL DEVICES	FS 1SW 92 75B1 SA	WESTINGH'S E	AB52 PIC-	435002	IEEE 323-7	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 10,37,	
SW0015		02206	WISD	C9	A-02	4,344													60,88,	
SW FROM CONT F	FLOW SWI	ESE-13				-75													191,	
AN CLR AH-2	TCH		NAL2	305.															212	FS9275B1
HI FLOW																				
SERVICE WATER	CONTROL DEVICES	FS 1SW 92 75C SA	WESTINGH'S E	AB52 PIC-	435002	IEEE 323-7	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 10,37,	
SW0015		02200	WISD	C9	A-02	4,344													60,88,	
SW FROM CONT F	FLOW SWI	ESE-13				-75													191,	
AN CLR AH-3	TCH		NAL2	305.															212	FS9275C
LO FLOW																				
SERVICE WATER	CONTROL DEVICES	FS 1SW 92 75C1 SA	WESTINGH'S E	AB52 PIC-	435002	IEEE 323-7	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 10,37,	NO WECO TAG #
SW0015		02199	WISD	C9	A-02	4,344													60,88,	
SW FROM CONT F	FLOW SWI	ESE-13				-75													191,	
AN CLR AH-3	TCH		NAL2	305.															212	
HI FLOW																				

TAGS INCLUDED: FS 1SW 9275A SB----FS 1SW 9275D SB
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 SW FROM CONT F AN CLR AH-4 LO FLOW	CONTROL DEVICES FLOW SWI TCH	FS 1SW 92 75D SB 02205 ESE-13	WESTINGH'S E WISD NAL2	AB52 PIC-C10 305.	435002 A-02	IEEE 323-74,344 -75	A D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	NO WECO TAG #
SERVICE WATER SW0015 SW FROM CONT F ON CLR AH-4 HI FLOW	CONTROL DEVICES FLOW SWI TCH	FS 1SW 92 75D1 SB 02201 ESE-13	WESTINGH'S E WISD NAL2	AB52 PIC-C10 305.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,88 191,212	NO WECO TAG #
SERVICE WATER SW0015 A EMERG SW PMP A DISC HDR PRES-LO	CONTROL DEVICES PRESSURE SWITCH	PS 1SW 91 01A SA 09682 ESE-13	WESTINGH'S E WISD	AB52 PIC-C9 305.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88 191,212	PS9101A
SERVICE WATER SW0015 B EMERG SW PMP B DISC HDR PRES-LO	CONTROL DEVICES PRESSURE SWITCH	PS 1SW 91 01B SB 02058 ESE-13	WESTINGH'S E WISD NAL1(NE-B) WSO-3	AB52 PIC-C10 305.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37,60,83 191,212	PS9101B
SERVICE WATER SW0015 SW TO CHILLER LO TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1SW 92 05A1 SA 02154 ESE-13	WESTINGH'S E WISD NAL2(ND-B) WSO-3	AB31 PIC-C13 263.	435002 A-02	IEEE 323-74,344 -75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1 68,156 333 21,110 304	TS9205A1
SERVICE WATER SW0015 SW TO CHILLER HI TEMP	CONTROL DEVICES TEMPERAT URE SWIT CH	TS 1SW 92 05A2 SA 02155 ESE-13	WESTINGH'S E WISD NAL2(ND-B) WSO-3	AB31 PIC-C13 263.	435002 A-02	IEEE 323-74,344 -75	A D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB1 68,156 333 21,110 304	TS9205A2

TAGS INCLUDED: FS 1SW 9275D SB----TS 1SW 9205A3 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POITN	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	CONTROL DEVICES	TS 1SW 92 05A3 SA 02156	WESTINGH'S E WISD	AB52 PIC-C 13	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,83 212 10,60 191	TS920SA3
SW0015 SW TO CHILLER LO TEMP	TEMPERAT URE SWIT CH	ESE-13	NAL1(NE-B)	305.																
SERVICE WATER	CONTROL DEVICES	TS 1SW 92 0581 SB 02157	WESTINGH'S E WISD	AB31 PIC-C14	435002 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA31-68,156 333, 21,110 304	TS920581
SW0015 SW TO CHILLER LO TEMP	TEMPERAT URE SWIT CH	ESE-13	NAL2(ND-B) WSO-3	263.																
SERVICE WATER	CONTROL DEVICES	TS 1SW 92 0582 SB 02152	WESTINGH'S E WISD	AB31 PIC-C14	435002 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA31-68,156 333, 21,110 304	TS920582
SW0015 SW TO CHILLER HI TEMP	TEMPERAT URE SWIT CH	ESE-13	NAL2(ND-B) WSO-3	263.																
SERVICE WATER	CONTROL DEVICES	TS 1SW 92 0583 SB 02153	WESTINGH'S E WISD	AB52 PIC-C 14	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS920583
SW0015 SW TO CHILLER LO TEMP	TEMPERAT URE SWIT CH	ESE-13	NAL1(NE-B)	305.																

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1484
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #		Q	I												
SERVICE WATER	CONTROLLER	PC 1SW 92 09A S	WESTINGH'S E	AB52 PIC-	435002	IEEE 323-7	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 10,37,	PC9209A
SW0015		02171	WISD	C13	4-02	4,344													60,88,	
SW IN A AUX BL DG CHLLR WC-2 1A-SA	PRESSURE CONTROLLER(DIRE	ESE-13		305.		-75													191, 212	
SERVICE WATER	CONTROLLER	PC 1SW 92 09B S	WESTINGH'S E	AB52 PIC-	435002	IEEE 323-7	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12- 10,37,	PC9209B
SW0015		02172	WISD	C14	4-02	4,344													60,88,	
SW IN B AUX BL DG CHLLR WC-2 1B-SB	PRESSURE CONTROLLER(DIRE	ESE-13	NCB5	305.		-75													191, 212	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 SW SUPPLY HDR A FLOW	INDICATORS FLOW DIRECT INDICATOR	FI 1SW 91 C1A1 SA 02043 ESE-14	WESTINGH'SE W RID VX-252	AB52 MCB 1A1 305.	435002 A-02	IEEE 323-74,344-75	A				X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,88 191, 212	FI910A1
SERVICE WATER SW0015 SW SUPPLY HDR A FLOW N	INDICATORS FLOW DIRECT INDICATOR	FI 1SW 91 C1A2 SA 02042 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252	AB43 ACP 286.	435190 IN05 IN05-20	IEEE 323-'74, 344-'75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64, 104, 152, 199, 254	QUALIFICATION REPO T IS STILL IN REVIEW
SERVICE WATER SW0015 SW SUPPLY HDR B FLOW	INDICATORS FLOW DIRECT INDICATOR	FI 1SW 91 C1B1 SB 02041 ESE-14	WESTINGH'SE W RID VX-252	AB52 MCB 1A1 305.	435002 A-02	IEEE 323-7 4,344 -75	A				X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37, 60,88 191,	FI910B1
SERVICE WATER SW0015 SW SUPPLY HDR B FLOW N	INDICATORS FLOW DIRECT INDICATOR	FI 1SW 91 C1B2 SB 02040 EP-0056-1	RELIANCE ELECTRIC WESTINGH'SE VX-252	AB43 ACP 286.	435190 IN05 IN05-20	IEEE 323-'74, 344-'75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64, 104, 152, 199, 254	QUALIFICATION REPO T IS STILL IN REVIEW
SERVICE WATER SW0015 SW BSTR PMP A FLOW E	INDICATORS FLOW DIRECT INDICATOR	FI 1SW 91 12A SA 02114 ESE-14	WESTINGH'SE W RID VX-252	AB52 MCB-1A1 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37, 60,88 191, 212	FI9112A
SERVICE WATER SW0015 SW BSTR PMP B FLOW E	INDICATORS FLOW DIRECT INDICATOR	FI 1SW 91 12B SB 02115 ESE-14	WESTINGH'SE W RID VX-252	AB52 MCB 1A1 305.	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37, 60,88 191, 212	FI9112B

TAGS INCLUDED: FI 1SW 9101A1 S----PI 1SW 9101A1 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	INDICATO RS	PI 1SW 91 01A1 SA 02054	WESTINGH'S E W RID	AB52 MCB-1A1	435002 A-02	IEEE 323-74,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,88 191, 212	PI9101A1
SW0015 SW SUPPLY HDR A PRESS. N	PRESSURE DIRECT INDICATO	ESE-14	VX-252	305.																
SERVICE WATER	INDICATO RS	PI 1SW 91 01A2 SA 02056	RELIANCE ELECTRIC WESTINGH'S E	AB43 ACP	435190 IN05 IN05-120	IEEE 323-'74, 344-'75	A	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64, 104, 152, 199, 254	QUALIFICA -TION REPO T IS STILL IN REVIEW
SW0015 SW SUPPLY HDR A DISCH PRE SS N	PRESSURE DIRECT INDICATO	EP-0056-1	VX-252	286.																
SERVICE WATER	INDICATO RS	PI 1SW 91 01B1 SB 02055	WESTINGH'S E W RID	AB52 MCB-1A1	435002 A-02	IEEE 323-7 4,344 -75	A	D			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37, 60,88, 191, 212	PI9101B1
SW0015 SW SUPPLY HDR B PRES	PRESSURE DIRECT INDICATO	ESE-14	VX-252	305.																
SERVICE WATER	INDICATO PS	PI 1SW 91 01B2 SB 02057	RELIANCE ELECTRIC WESTINGH'S E	AB43 ACP	435190 IN05 IN05-120	IEEE 323-'74, 344-'75	B	D	S/S 0.25 F/B 0.30 VERT 0.25	S/S 0.40 F/B 0.47 VERT 0.44	X								RAB1-15,64, 104, 152, 199, 254	QUALIFICA -TION REPO T IS STILL IN REVIEW
SW0015 SW SUPPLY HDR B DISCH PRE SS N	PRESSURE DIRECT INDICATO	EP-0056-1	VX-252	286.																
SERVICE WATER	INDICATO RS	PI 1SW 91 12A SA 02121	WESTINGH'S E W RID	AB52 MCB-1A1	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,88 191, 212	PI9112A
SW0015 SW BSTR PMP A DISCHPRES	PRESSURE DIRECT INDICATO	ESE-14	VX-252	305.																
SERVICE WATER	INDICATO RS	PI 1SW 91 12B SB 02120	WESTINGH'S E W RID	AB52 MCB-1A1	435002 A-02	IEEE 323-7 4,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37, 60,88 191, 212	PI9112B
SW0015 SW BSTR PMP B DISCHPRESS.	PRESSURE DIRECT INDICATO	ESE-14	VX-252	305.																

TAGS INCLUDED: PI 1SW 9101A1 S----TI 1SW 6586A1 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I					S/D							
SERVICE WATER SW0015 ESW INTAKE ELECT RM AH-86(1A-SA)SUPP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1SW 6586A1 S 01415 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	IE31 PIPE MTD 262.	435125 225 IN08 IN08-20	IEEE 344-75	B		HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
SERVICE WATER SW0015 ESW INTAKE ELECT RM AH-86(1A-SA) RETU	INDICATORS TEMPERATURE DIRECT INDIC	TI 1SW 6586A2 S 01414 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	IE31 PIPE MTD 262.	435125 226 IN08 IN08-20	IEEE 344-75	B		HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
SERVICE WATER SW0015 ESW INTAKE ELECT RM AH-86(1B-SB)SUPP	INDICATORS TEMPERATURE DIRECT INDIC	TI 1SW 6586B1 S 01412 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	IE31 PIPE MTD 262.	435125 227 IN08 IN08-20	IEEE 344-75	B		HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
SERVICE WATER SW0015 ESW INTAKE ELECT RM AH-86(1B-SB)RETN	INDICATORS TEMPERATURE DIRECT INDIC	TI 1SW 6586B2 S 01413 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	IE31 PIPE MTD 262.	435125 228 IN08 IN08-20	IEEE 344-75	B		HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
SERVICE WATER SW0015 DG1A ELECT EQUIP RMAH-85(1A-SA)SUPPLY	INDICATORS TEMPERATURE DIRECT INDIC	TI 1SW 6905A1 S 01568 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	DG31 PIPE MTD 292.	435125 229 IN08 IN08-20	IEEE 344-75	B	C	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
SERVICE WATER SW0015 DG 1A ELECT EQUIP RM AH-8	INDICATORS TEMPERATURE DIRECT INDIC	TI 1SW 6905A2 S 01567 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	DG31 PIPE MTD 261.	435125 230 IN08 IN08-20	IEEE 344-75	B	C	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY

TAGS INCLUDED: TI 1SW 6586A1 S----TI 1SW 6905B1 S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #		Q	I												
SERVICE WATER	INDICATO	TI 1SW 69		DG31	435125	IEEE	B	C	HORZ	HORZ	YES	N/A	D	MF	MD	N/A	MIN	MIN	N/A	ANALYSIS
	RS	05B1 S		PIPE	231	344-			1.5	3.0							82	82		BY
SW0015		01569	DRESSER	MTD	INDR	75			VERT	VERT							HZ	HZ		SIMILARI-
DG 1B ELECT EQ	TEMPERAT	548-8854-	INDUSTRIES		INDR-				1.0	2.0							MAX	MAX		TY
UIP RM	URE DIRE	2 REV B	50-EI60E	292.	20												203	203		
AH-8	CT INDIC																HZ	HZ		
SERVICE WATER	INDICATO	TI 1SW 69		DG31	435125	IEEE	B	C	HORZ	HORZ	YES	N/A	D	MF	MD	N/A	MIN	MIN	N/A	ANALYSIS
	RS	05B2 S		PIPE	232	344-			1.5	3.0							82	82		BY
SW0015		01570	DRESSER	MTD	INDR	75			VERT	VERT							HZ	HZ		SIMILARI-
DG 1B ELECT EQ	TEMPERAT	548-8854-	INDUSTRIES		INDR-				1.0	2.0							MAX	MAX		TY
UIP RM	URE DIRE	2 REV B	50-EI60E	261.	20												203	203		
AH-8	CT INDIC																HZ	HZ		
SERVICE WATER	INDICATO	TI 1SW 92		AB31	435125	IEEE	B		HORZ	HORZ	YES	N/A	D	MF	MD	N/A	MIN	MIN	N/A	ANALYSIS
	RS	08A S		PIPE	137	344-			1.5	3.0							82	82		BY
SW0015		02164	DRESSER	MTD	INDR	75			VERT	VERT							HZ	HZ		SIMILARI-
SW TO A CHILLE	TEMPERAT	548-8854-	INDUSTRIES		INDR-				1.0	2.0							MAX	MAX		TY
R WC-2 1A-S	URE DIRE	2 REV B	50-EI60E	261.	20												203	203		
A	CT INDIC																HZ	HZ		
SERVICE WATER	INDICATO	TI 1SW 92		AB31	435125	IEEE	B	C	HORZ	HORZ	YES	N/A	D	MF	MD	N/A	MIN	MIN	N/A	ANALYSIS
	RS	08B S		PIPE	138	344-			1.5	3.0							82	82		BY
SW0015		02165	DRESSER	MTD	INDR	75			VERT	VERT							HZ	HZ		SIMILARI-
SW TO B CHILLE	TEMPERAT	548-8854-	INDUSTRIES		INDR-				1.0	2.0							MAX	MAX		TY
R WC-2 1B-S	URE DIRE	2 REV B	50-EI60E	261.	20												203	203		
B	CT INDIC																HZ	HZ		
SERVICE WATER	INDICATO	TI 1SW 92		AB31	435125	IEEE	B	B	HORZ	HORZ	YES	N/A	D	MF	MD	N/A	MIN	MIN	N/A	ANALYSIS
	RS	10A S		PIPE	139	344-			1.5	3.0							82	82		BY
SW0015		02179	DRESSER	MTD	INDR	75			VERT	VERT							HZ	HZ		SIMILARI-
SW FR B AUX BL	TEMPERAT	548-8854-	INDUSTRIES		INDR-				1.0	2.0							MAX	MAX		TY
DG CHILLR WC	URE DIRE	2 REV B	50-EI60E	261.	20												203	203		
-2 1A-SA	CT INDIC																HZ	HZ		
SERVICE WATER	INDICATO	TI 1SW 92		AB31	435125	IEEE	B	B	HORZ	HORZ	YES	N/A	D	MF	MD	N/A	MIN	MIN	N/A	ANALYSIS
	RS	10B S		PIPE	140	344-			1.5	3.0							82	82		BY
SW0015		02180	DRESSER	MTD	INDR	75			VERT	VERT							HZ	HZ		SIMILARI-
SW FR B AUX BL	TEMPERAT	548-8854-	INDUSTRIES		INDR-				1.0	2.0							MAX	MAX		TY
DG CHILLR WC	URE DIRE	2 REV B	50-EI60E	261.	20												203	203		
-2 1B-SB	CT INDIC																HZ	HZ		

TAGS INCLUDED: TI 1SW 690581 S----TI 1SW 9230A S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST PEP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 SW FROM A CHRG PMP MOTOR	INDICATORS TEMPERATURE DIRECT INDIC	TI 1SW 92 30A S 02189 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 PIPE MTD 235.	435125 64 IND8 IND8-20	IEEE 344-75	B	B	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
SERVICE WATER SW0015 SW FROM B CHRG PMP MOTOR	INDICATORS TEMPERATURE DIRECT INDIC	TI 1SW 92 30B S 02188 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 PIPE MTD 235.	435125 65 IND8 IND8-20	IEEE 344-75	B	B	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY
SERVICE WATER SW0015 SW FROM C CHRG PMP MOTOR	INDICATORS TEMPERATURE DIRECT INDIC	TI 1SW 92 30C S 02190 548-8854-2 REV B	DRESSER INDUSTRIES 50-EI60E	AB21 PIPE MTD 235.	435125 66 IND8 IND8-20	IEEE 344-75	B	B	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	ANALYSIS BY SIMILARITY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SQPT #		Q	I												
SERVICE WATER	LIMIT SW	LS 1SW 91		IE31	435275	IEEE	A	B	S/S	S/S	X	N/A	NA	MF	MD	XTR	XTR	XTR	IN STR	
	ITCHES	C1A1 SA		LCL	57	344-			0.30	0.47						14	15	15	10,52,	
SW0015		02052	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	94 OBE	
A EMERG SW PMP	LEVEL SW		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	7,35	
CHAMBER L	ITCH	45700-1	57761	262.	20	74			VERT	VERT						>33	15	14	63 OBE	
O-LO LEVEL									0.46	0.5						HZ	HZ	HZ		
SERVICE WATER	LIMIT SW	LS 1SW 91		IE31	435275	IEEE	A	B	S/S	S/S	X	N/A	NA	MF	MD	XTR	XTR	XTR	INSTR	
	ITCHES	C1A2 SA		LCL	58	344-			0.30	0.47						14	15	15	10,52,	
SW0015		02356	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	94 OBE	
A EMERG SW PMP	LEVEL SW		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	7,35	
CHAMBER L	ITCH	45700-1	57761	262.	20	74			VERT	VERT						>33	15	14	63 OBE	
O LEVEL									0.46	0.5						HZ	HZ	HZ		
SERVICE WATER	LIMIT SW	LS 1SW 91		IE31	435275	IEEE	A	B	S/S	S/S	X	N/A	NA	MF	MD	XTR	XTR	XTR	IN STR	
	ITCHES	C1B1 SB		LCL	59	344-			0.30	0.47						14	15	15	10,52,	
SW0015		02053	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	94 OBE	
B EMERG SW PMP	LEVEL SW		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	7,35	
CHAMBER L	ITCH	45700-1	57761	262.	20	74			VERT	VERT						>33	15	14	63 OBE	
O-LO LEVEL									0.46	0.5						HZ	HZ	HZ		
SERVICE WATER	LIMIT SW	LS 1SW 91		IE31	435275	IEEE	A	B	S/S	S/S	X	N/A	NA	MF	MD	XTR	XTR	XTR	IN STR	
	ITCHES	C1B2 SB		LCL	60	344-			0.30	0.47						14	15	15	10,52,	
SW0015		02357	TRNSAMERIC		IN33	75			F/B	F/B						HZ	HZ	HZ	94 OBE	
B EMERG SW PMP	LEVEL SW		A-DELAVEL-		IN33-	323-			0.30	0.47						REC	REC	REC	7,35	
CHAMBER L	ITCH	45700-1	57761	262.	20	74			VERT	VERT						>33	15	14	63 OBE	
O LEVEL									0.46	0.5						HZ	HZ	HZ		
SERVICE WATER	LIMIT SW	3CX-V243S		AB21				D												
	ITCHES	B-1																		
		11662	NAMCO																	
ESSENTIAL SER	LIMIT SW																			
CX FOR AH-8	ITCH (2		EA18C-1132	250.																
(1XNSB)	OF 2)		0																	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q I												
SERVICE WATER SW0015 FURNISHES POWER TO TRAV SCRN	MOTORS MOTOR-BAY 8 MAIN RES	ESWIS-1A MTR 07829 79D52611	ENVIREX WESTINGHOUSE TEFC-FR286TS	IE 3 TRVSCR 262.	435223 /19 AS-44	IEEE 344-1975	A	F/B 0.22 S/S 0.24 V 0.19	F/B 0.37 S/S 0.42 V 0.38	X		S	N/A		N/A	N/A	N/A	2,16,28,42,56,70	
SERVICE WATER SW0015 FURNISHES POWER TO TRAV SCRN	MOTORS MOTOR-BAY 6 MAIN RES	ESWIS-1B MTR 07823 79D52611	ENVIREX WESTING-HOUSE TEFC-FR286TS	IE 3 TRVSCR 262.	435223 /19 AS-44 79-AS 44-20	IEEE 344-1975	A	F/B 0.22 S/S 0.24 VERT 0.19	F/B 0.37 S/S 0.42 VERT 0.38	X		S	N/A		N/A	N/A	N/A	2,16,28,42,56,70	
SERVICE WATER SW0015 FURNISHES POWER TO TRAV SCR	MOTORS MOTOR-BAY 8 AUX. RES	ESWSS-1A MTR 07841 79D05266G	ENVIREX WESTING-HOUSE TEFC-FR-254T	SS 3 TRVSCR 262.	435223 /29 AS-44 79-AS 44-20	IEEE 344-1975	A	F/B 0.32 S/S 0.25 V 0.20	F/B 0.49 S/S 0.40 V 0.38	X		S	N/A		N/A	N/A	N/A	1,15,17,41,55,69	
SERVICE WATER SW0015 FURNISHES POWER TO TRAV SCR RAV SCR	MOTORS MOTOR-BAY 6 AUX. RES	ESWSS-1B MTR 07835 79D05266D	ENVIREX WESTING-HOUSE TEFC-FR254T	SS 3 TRVSCR 262.	435223 /29 AS-44 79-AS 44-20	IEEE 344-1975	A	F/B 0.32 S/S 0.25 V 0.20	F/B 0.49 S/S 0.40 V 0.38	X		S	N/A		N/A	N/A	N/A	1,15,17,41,55,69	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POSITION	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
SERVICE WATER	PRIMARY ELEMENT	TE 1SW 70 40A S		AB21 CONV	435150 147	IEEE 344-	A	B	F/B 1.5	F/B 3	YES	N/A	D	MF	MD	N/A	MIN 82	MIN 82	N/A	
SW0015		01626	WEED	MTD	IN04	75			S/S	S/S							HZ	HZ		
EMERGENCY SW T O CCW HX B TEM P	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMEN E4B250G-(L)AS	242.	IN04-20				1.5 VERT 1	3 VERT 2							MAX 203 HZ	MAX 203 HZ		
SERVICE WATER	PRIMARY ELEMENT	TE 1SW 70 40B S		AB21 CONV	435150 148	IEEE 344-	A	B	F/B 1.5	F/B 3	YES	N/A	D	MF	MD	N/A	MIN 82	MIN 82	N/A	
SW0015		01625	WEED	MTD	IN04	75			S/S	S/S							HZ	HZ		
EMERGENCY SW T O CCW HX B TEM P	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMEN E4B250G-(L)AS	242.	IN04-20				1.5 VERT 1	3 VERT 2							MAX 203 HZ	MAX 203 HZ		
SERVICE WATER	PRIMARY ELEMENT	TE 1SW 70 50A S		AB21 CONV	435150 149	IEEE 344-	A		F/B 1.5	F/B 3	YES	N/A	D	MF	MD	N/A	MIN 82	MIN 82	N/A	
SW0015		01638	WEED	MTD	IN04	75			S/S	S/S							HZ	HZ		
EMERGENCY SW FROM CCW HX B TEMP	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMEN E4B250G-(L)AS	243.	IN04-20				1.5 VERT 1	3 VERT 2							MAX 203 HZ	MAX 203 HZ		
SERVICE WATER	PRIMARY ELEMENT	TE 1SW 70 50B S		AB21 CONV	435150 150	IEEE 344-	A	B	F/B 1.5	F/B 3	YES	N/A	D	MF	MD	N/A	MIN 82	MIN 82	N/A	
SW0015		01637	WEED	MTD	IN04	75			S/S	S/S							HZ	HZ		
EMERGENCY SW FROM CCW HX B TEMP	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMEN E4B250G-(L)AS	242.	IN04-20				1.5 VERT 1	3 VERT 2							MAX 203 HZ	MAX 203 HZ		
SERVICE WATER	PRIMARY ELEMENT	TE 1SW 91 02A S		IE31 CONV	435150 151	IEEE 344-	A		F/B 1.5	F/B 3	YES	N/A	D	MF	MD	N/A	MIN 82	MIN 82	N/A	
SW0015		02080	WEED	MTD	IN04	75			S/S	S/S							HZ	HZ		
EMERGENCY SW H DR A TEMP	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMEN E4B250G-(L)AS	262.	IN04-20				1.5 VERT 1	3 VERT 2							MAX 203 HZ	MAX 203 HZ		
SERVICE WATER	PRIMARY ELEMENT	TE 1SW 91 02B S		IE31 CONV	435150 152	IEEE 344-	A		F/B 1.5	F/B 3	YES	N/A	D	MF	MD	N/A	MIN 82	MIN 82	N/A	
SW0015		02079	WEED	MTD	IN04	75			S/S	S/S							HZ	HZ		
EMERGENCY SW H DR A TEMP	TEMPERAT URE PRIM ARY ELEM	548-8854-2 REV B	INSTRUMEN E4B250G-(L)AS	262.	IN04-20				1.5 VERT 1	3 VERT 2							MAX 203 HZ	MAX 203 HZ		

TAGS INCLUDED: TE 1SW 7040A S ----TE 1SW 9205A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 SW TO A AUX BLDG CHILLR WC -2 1A-SA	PRIMARY ELEMENT / TEMPERATURE PRIMARY ELEM	TE 1SW 92 C5A SA 02151 / 548-8854-2	WEED INSTRUMENT E4B250G-(L)AS	AB11 CONV MTD / 216.	435286 75 IN43 / IN43-20	IEEE 344-75 / 323-74	A	C	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ / MAX 203 HZ	MIN 82 HZ / MAX 203 HZ	N/A	
SERVICE WATER SW0015 SW TO B AUX BLDG CHILLR WC -2 1B-SB	PRIMARY ELEMENT / TEMPERATURE PRIMARY ELEM	TE 1SW 92 C5B SB 02150 / 854-8854-2	WEED INSTRUMENT E4B250G-(L)AS	AB11 CONV MTD / 216.	435286 74 IN43 / IN43-20	IEEE 344-75 / 323-74	A	B	HORZ 1.5 VERT 1.0	HORZ 3.0 VERT 2.0	YES	N/A	D	MF	MD	N/A	MIN 82 HZ / MAX 203 HZ	MIN 82 HZ / MAX 203 HZ	N/A	
SERVICE WATER SW0015 SW FROM CONT AN COOLER AH -1	PRIMARY ELEMENT / TEMPERATURE PRIMARY ELEM	TE 1SW 92 75A S 02211 / 548-8854-2 REV B	WEED INSTRUMEN E4B250G-(L)AS	AB11 CONV MTD / 216.	435150 220 IN04 / IN04-20	IEEE 344-75 / 323-74	A	B	F/B 1.5 S/S 1.5 VERT 1	F/B 3 S/S 3 VERT 2	YES	N/A	D	MF	MD	N/A	MIN 82 HZ / MAX 203 HZ	MIN 82 HZ / MAX 203 HZ	N/A	
SERVICE WATER SW0015 SW FROM CONT AN COOLER AH -2	PRIMARY ELEMENT / TEMPERATURE PRIMARY ELEM	TE 1SW 92 75B S 02212 / 548-8854-2 REV B	WEED INSTRUMEN E4B250G-(L)AS	AB11 CONV MTD / 216.	435150 221 IN04 / IN04-20	IEEE 344-75 / 323-74	A	B	F/B 1.5 S/S 1.5 VERT 1	F/B 3 S/S 3 VERT 2	YES	N/A	D	MF	MD	N/A	MIN 82 HZ / MAX 203 HZ	MIN 82 HZ / MAX 203 HZ	N/A	
SERVICE WATER SW0015 SW FROM CONT FAN COOLER AH 3	PRIMARY ELEMENT / TEMPERATURE PRIMARY ELEM	TE 1SW 92 75C S 02214 / 548-8854-2 REV B	WEED INSTRUMEN E4B250G-(L)AS	AB11 CONV MTD / 216.	435150 222 IN04 / IN04-20	IEEE 344-75	A	B	F/B 1.5 S/S 1.5 VERT 1	F/B 3 S/S 3 VERT 2	YES	N/A	D	MF	MD	N/A	MIN 82 HZ / MAX 203 HZ	MIN 82 HZ / MAX 203 HZ	N/A	
SERVICE WATER SW0015 SW FROM CONT AN COOLER AH -4	PRIMARY ELEMENT / TEMPERATURE PRIMARY ELEM	TE 1SW 92 75D S 02213 / 548-8854-2 REV B	WEED INSTRUMEN E4B250G-(L)AS	AB11 CONV MTD / 216.	435150 223 IN04 / IN04-20	IEEE 344-75	A	B	F/B 1.5 S/S 1.5 VERT 1	F/B 3 S/S 3 VERT 2	YES	N/A	D	MF	MD	N/A	MIN 82 HZ / MAX 203 HZ	MIN 82 HZ / MAX 203 HZ	N/A	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER SW0015 CIRCULATE CHILLED WATER TO AH-UNITS	PUMPS CONDENSER WATER PUMP	P-7(1A-SA) 07937 ME-598 ADD182	GOULD GOULD 3196MT	AB31 261.	435145 BE-06 90-BE-06-20-S2	IEEE 344-75 ASME SEC-III	A		.25G HNS .20G HEW .40G V	.32G HNS .30G HEW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 156,68,333 RABDBE 110,91,304	
SERVICE WATER SW0015 DRIVE CONDENSER WATER PUMP	PUMPS PUMP MOTOR	P-7(1A-SA) 07938 WSTHSERPT DT8-15-79	GOULD WESTINGHOUSE 256T	AB31 261.	435145 BE-06 90-BE-06-20-S39	IEEE 344-75	A		.25G HNS .20G HEW .40G V	.32G HNS .30G HEW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 156,68,333 RABDBE 110,91,304	
SERVICE WATER SW0015 CIRCULATE CHILLED WATER TO AH-UNITS	PUMPS CONDENSER WATER PUMP	P-7(1B-SB) 07939 ME-598 ADD 182	GOULD 3196MT	AB31 261.	435145 BE-06 90-BE-06-20-S2	IEEE 344-75 ASME SEC-III	A		.25G HNS .20G HEW .40G V	.32G HNS .30G HEW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 156,68,333 RABDBE 110,91,304	
SERVICE WATER SW0015 DRIVE CONDENSER WATER PUMP	PUMPS PUMP MOTOR	P-7(1B-SB) 07940 WSTHSERPT DT8-15-79	GOULD WESTINGHOUSE 256T	AB31 261.	435145 BE-06 90-BE-06-20-S39	IEEE 344-75	A		.25G HNS .20G HEW .40G V	.32G HNS .30G HEW .60G V	X	NA	S	NA	NA	>33 HZ	>33 HZ	>33 HZ	RABDBE 156,68,333 RABDBE 110,91,304	
SERVICE WATER SW0015 PROVIDE WASH WTR TO ESW SCREENS	PUMPS ESW SCREEN WASH PUMP	P1A-SA EMER SCH WSH 08068 ME-626	CRANE-DEMING CRANE-DEMING FIG 3065 SIZE A-10	IE31 FLOOR MTD 261.	435178 202 M-11 50-M11-20	ASME SECT 77ED WINTR 77ADD	A		.25G HOR .18G HOR .17G VERT	.40G HOR .35G HOR .30G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	IS. EL 260 .5 PT9	COMPUTER PROGRAM ICES-STRUDL
SERVICE WATER SW0015 DRIVER OF ESW PUMP	PUMPS ESW PUMP MOTOR	P1A-SA EMER SW 08066 ME-779	HAYWARD TYLER PUMP GENERAL ELECT CO 5K6356XC 21A	IE31 ESWPUMP 261.	435182 201 M-47H 50-M47H-20	IEEE 344-75	A		.20G HOR .15G HOR .15G VERT	.40G HOR .30G HOR .30G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	I.S, E.S.WS C.T.M EL 260 .5 PT. 9	

TAGS INCLUDED: P-7(1A-SA) ----P1A-SA EMER SW
SORT TYPE:SYSDES,EQTYP GLOPAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER SW0015 PROVIDE SW TO EMER EQUIP	PUMPS ESW PUMP	P1A-SA EMER SW 08067 ME-780	HAYWARD TYLER PUMP HAYWARD TYLER PUMP 5K6356XC 21A	IE31 ESWPU PUMP 261.	435182 001 M-67H 50-M67 H-20	ASME SECT III 77ED SUMM 77ADD	A		.20G HOR .15G HOR .15G VERT	.40G HOR .30G HOR .30G VERT	X		S	N/A		17.7 HZ	17.7 HZ	>33 HZ	EL260.5 MASS PT.9	
SERVICE WATER SW0015 PROVIDE ESW TO CONT FAN COOLERS	PUMPS ESW BOOSTER PUMP	P1A-SA SW BOO 08062 ME-529	GOULDS PUMPS INC GOULDS PUMPS INC 3405L	AB21 FLOOR MTD 236.	435042 002 M-13 50-M13 -20	ASME SECT III 71ED SUMM 73ADD	A		.15G HOR .4G VER	.25G HOR .75G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	EL 236 PT. 5, 11	
SERVICE WATER SW0015 PROVIDE WASH WTR TO ESW SCREENS	PUMPS ESW SCREEN WASH PUMP	P1B-SB EM SCH WSH 08086 ME-626	CRANE-DEMING CRANE-DEMING FIG 3065 SIZE A-10	IE31 FLOOR MTD 261.	435178 002 M-11 50-M11 -20	ASME SECT 77ED WINTR 77ADD	A		.25G HOR .18G HOR .17G VERT	.40G HOR .35G HOR .30G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	IS. EL 260 .5 PT9	COMPUTER PROGRAM ICES-STRUDL
SERVICE WATER SW0015 DRIVER OF ESW PUMP	PUMPS ESW PUMP MOTOR	P1B-SB EMER FW 08084 ME-779	HAYWARD TYLER PUMP GENERAL ELECT CO 5K6356XC 21A	IE31 ESWPU PUMP 261.	435182 001 M-67H 50-M67 H-20	IEEE 344-75	A		.20G HOR .15G HOR .15G VERT	.40G HOR .30G HOR .30G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	I.S, E.S.W& C.T.M EL 260 .5 PT. 9	
SERVICE WATER SW0015 PROVIDE SW TO EMER EQUIP	PUMPS ESW PUMP	P1B-SB EMER SW 08085 ME-780	HAYWARD TYLER PUMP HAYWARD TYLER PUMP 32X42VS01 81670	IE31 FLOOR 261.	435182 001 M-67H 50-M67 H-20	ASME SECT III 77 ED SUMM 77ADD	A		.20G HOR .15G HOR .15G VERT	.40G HOR .30G HOR .30G VERT	X		SD	N/A		17.7 HZ	17.7 HZ	>33 HZ	EL.260 .5 MASS	
SERVICE WATER SW0015 PROVIDE ESW TO CONT FAN COOLERS	PUMPS ESW BOOSTERPUMP	P1B-SB SW BOO 08080 ME-529	GOULDS PUMPS INC GOULDS PUMPS INC 3405L	AB21 FLOOR MTD 236.	435042 002 M-13 50-M13 -20	ASME SECT III 71ED SUMM 73ADD	A		.15G HOR .4G VER	.25G HOR .75G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	EL 236 PT. 5, 11	

TAGS INCLUDED: P1A-SA EMER SW ----TE 1SW 9160A1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
SERVICE WATER SW0015 EMER SW PUMP A MTR WINDING TEMP	PUMPS TEMPERATURE PRIMARY ELEM	TE 1SW 91 60A1 02128	HAYWARD TYLER PUMP GENERAL ELECTRIC DUP.CHR. CONST.THRM	MOTOR	435182 001 M67H 50-M67 H-20	IEEE 344-75	A	B	.25G HOR .15G HOR .15G VERT	.40G HOR .30G HOR .30G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	I.S, E.S.W& C.T.M EL 260 .5 PT. 9	QUALIFIED WITH MOTOR
SERVICE WATER SW0015 EMERG SW PMP A TEMP	PUMPS TEMPERATURE PRIMARY ELEM	TE 1SW 91 60A2 02137	HAYWARD TYLER PUMP GENERAL ELECTRIC DUP.CHR. CONST.THRM	MOTOR	435182 001 M67H 50-M67 H-20	IEEE 344-75	A	B	.25G HOR .15G HOR .15G VERT	.40G HOR .30G HOR .30G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	I.S, E.S.W& C.T.M EL 260 .5 PT. 9	QUALIFIED WITH MOTOR
SERVICE WATER SW0015 EMERG SW PMP A TEMP	PUMPS TEMPERATURE PRIMARY ELEM	TE 1SW 91 60A3 02136	HAYWARD TYLER PUMP GENERAL ELECTRIC DUP.CHR. CONST.THRM	MOTOR	435182 001 M67H 50-M67 H-20	IEEE 344-75	A	B	.25G HOR .15G HOR .15G VERT	.40G HOR .30G HOR .30G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	I.S, E.S.W& C.T.M EL 260 .5 PT. 9	QUALIFIED WITH MOTOR
SERVICE WATER SW0015 EMERG SW PMP A TEMP	PUMPS TEMPERATURE PRIMARY ELEM	TE 1SW 91 60A4 02135	HAYWARD TYLER PUMP GENERAL ELECTRIC DUP.CHR. CONST.THRM	MOTOR	435182 001 M67H 50-M67 H-20	IEEE 344-75	A	B	.25G HOR .15G HOR .15G VERT	.40G HOR .30G HOR .30G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	I.S, E.S.W& C.T.M EL 260 .5 PT. 9	QUALIFIED WITH MOTOR
SERVICE WATER SW0015 DRIVER OF ESW BOOSTER PUMP	PUMPS ESW BOOSTER PUMP MOTOR	1ASA BSTR P MOTOR 08C61 N08902322	GOULDS PUMPS INC SIEMENS-ALLIS INC 447TS	AB21 FLOOR MTD 234.	435042 002 M-13 50-M13 -20	IEEE 344-75	A		.15G HOR .4G VER	.25G HOR .75G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	EL 236 PT. 5, 11	
SERVICE WATER SW0015 DRIVER OF ESW BOOSTER PUMP	PUMPS ESW BOOSTER PUMP MOTOR	1BSB BSTR P MOTOR 08L79 N08902322	GOULDS PUMPS INC SIEMENS-ALLIS INC 447TS EL851	AB FLOOR MTD 234.	435042 002 M-13 50-M13 -20	IEEE 344-75	A		.15G HOR .4G VER	.25G HOR .75G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	EL 236 PT. 5, 11	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
SERVICE WATER SW0015 EMER SERV WTR PMP 1A-SA INTLK	RELAYS RADIATION SIG.COND.OR FU	RLY 1SW22 11-CR1 10993 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-19ASA 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A		S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
SERVICE WATER SW0015 EMER SW WTR PMP 1B-SB INTLK E	RELAYS RADIATION SIG.COND.OR FU	RLY 1SW22 12-CR1 11095 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR138-8	AB52 ARP-19BSB 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
SERVICE WATER SW0015 CHLR CNDSR WTR SUPPLY VA INTLK	RELAYS RADIATION SIG.COND.OR FU	RLY 1SW26 12-CR 12153	POTTER BRUMFIELD MDR131-1	ARP 4A-SA	435246 IN13															
SERVICE WATER SW0015 CHLR CNDSR WTR SUPPLY VA INTLK	RELAYS RADIATION SIG.COND.OR FU	RLY 1SW26 42-CR 12193	POTTER BRUMFIELD MDR131-1	ARP 4B-SB	435246 IN13															

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	SENSORS	FT 1SW 70		CB21	435102	IEEE	A	B	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	CNMT	RESPONSE
		50A SA		A1R16	34	344-			0.30	0.45						HZ	HZ	HZ	82,172	SPECTRUM
SW0015		01636	ROSEMOUNT	ESF-A	IN01	75			S/S	S/S									392,23	FOR RBE,
SW FRM A CC WT	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									5,295,	OBE RESP
R HX	NSMITTER	108026RA	1153DB6	236.	20	74			VERT	VERT									461	ECT
E									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 70		CB21	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	CNMT	RESPONSE
		5CB SB		A1R11	35	344-			0.30	0.45						HZ	HZ	HZ	82,172	SPECTRUM
SW0015		01635	ROSEMOUNT	ESF-B	IN01	75			S/S	S/S									392,23	FOR BE,
SW FRM B CC WT	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									5,295,	OBE RESP
R HX	NSMITTER	108026RA	1153DB6	236.	20	74			VERT	VERT									461	ECT
M									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 91		TA11	435102	IEEE	A		F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		01A SA		A21R	36	344-			0.30	0.45						HZ	HZ	HZ	116,27	SPECTRUM
SW0015		02048	ROSEMOUNT	17	IN01	75			S/S	S/S									210,16	FOR DBE,
SW HEADER A	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									0,72,	OBE RESP
FLOW	NSMITTER	108026RA	1153DB5	236.	20	74			VERT	VERT									262R1	ECT
									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 91		TA11	435102	IEEE	A		F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		01B SB		A21R	37	344-			0.30	0.45						HZ	HZ	HZ	116,27	SPECTRUM
SW0015		02049	ROSEMOUNT	15	IN01	75			S/S	S/S									210,16	FOR DBE,
SW HEADER B	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									0,72,	OBE RESP
FLOW	NSMITTER	108026RA	1153DB5	236.	20	74			VERT	VERT									262R1	ECT
									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 91		AB21	435102	IEEE	A		F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		12A SA		A1R16	38	344-			0.30	0.45						HZ	HZ	HZ	116,27	SPECTRUM
SW0015		02116	ROSEMOUNT	ESF-A	IN01	75			S/S	S/S									210,16	FOR DBE,
SW BSTR PMP A	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									0,72,	OBE RESP
DISCH FLO	NSMITTER	108026RA	1153DB5	236.	20	74			VERT	VERT									262R1	ECT
W									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 91		AB21	435102	IEEE	A	B	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		12B SB		A1R35	39	344-			0.30	0.45						HZ	HZ	HZ	116,27	SPECTRUM
SW0015		02117	ROSEMOUNT	ESF-B	IN01	75			S/S	S/S									210,16	FOR RBE,
SW BSTR PMP B	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									0,72,	OBE RESP
DISCH FLO	NSMITTER	108026RA	1153DB5	236.	20	74			VERT	VERT									262R1	ECT
W E									0.30	0.45										

TAGS INCLUDED: FT 1SW 7(50A SA----FT 1SW 9205A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
SERVICE WATER	SENSORS	FT 1SW 70		CB21	435102	IEEE	A	B	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	CNMT	RESPONSE
		50A SA		A1R16	34	344-			0.30	0.45						HZ	HZ	HZ	82,172	SPECTRUM
SW0015		01636	ROSEMOUNT	ESF-A	IN01	75			S/S	S/S									392,23	FOR RBE,
SW FRM A CC WT	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									5,295,	OBE RESP
R HX	NSMITTER	108026RA	1153DB6	236.	20	74			VERT	VERT									461	ECT
E									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 70		CB21	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	CNMT	RESPONSE
		5CB SB		A1R11	35	344-			0.30	0.45						HZ	HZ	HZ	82,172	SPECTRUM
SW0015		01635	ROSEMOUNT	ESF-B	IN01	75			S/S	S/S									392,23	FOR BE,
SW FRM B CC WT	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									5,295,	OBE RESP
R HX	NSMITTER	108026RA	1153DB6	236.	20	74			VERT	VERT									461	ECT
M									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 91		TA11	435102	IEEE	A		F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		01A SA		A21R	36	344-			0.30	0.45						HZ	HZ	HZ	116,27	SPECTRUM
SW0015		02048	ROSEMOUNT	17	IN01	75			S/S	S/S									210,16	FOR DBE,
SW HEADER A	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									0,72,	OBE RESP
FLOW	NSMITTER	108026RA	1153DB5	236.	20	74			VERT	VERT									262R1	ECT
									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 91		TA11	435102	IEEE	A		F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		01B SB		A21R	37	344-			0.30	0.45						HZ	HZ	HZ	116,27	SPECTRUM
SW0015		02049	ROSEMOUNT	15	IN01	75			S/S	S/S									210,16	FOR DBE,
SW HEADER B	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									0,72,	OBE RESP
FLOW	NSMITTER	108026RA	1153DB5	236.	20	74			VERT	VERT									262R1	ECT
									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 91		AB21	435102	IEEE	A		F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		12A SA		A1R16	33	344-			0.30	0.45						HZ	HZ	HZ	116,27	SPECTRUM
SW0015		02116	ROSEMOUNT	ESF-A	IN01	75			S/S	S/S									210,16	FOR DBE,
SW BSTR PMP A	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									0,72,	OBE RESP
DISCH FLO	NSMITTER	108026RA	1153DB5	236.	20	74			VERT	VERT									262R1	ECT
W									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 91		AB21	435102	IEEE	A	B	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		12B SB		A1R35	39	344-			0.30	0.45						HZ	HZ	HZ	116,27	SPECTRUM
SW0015		02117	ROSEMOUNT	ESF-B	IN01	75			S/S	S/S									210,16	FOR RBE,
SW BSTR PMP B	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									0,72,	OBE RESP
DISCH FLO	NSMITTER	108026RA	1153DB5	236.	20	74			VERT	VERT									262R1	ECT
W E									0.30	0.45										

TAGS INCLUDED: FT 1SW 7050A SA----FT 1SW 9205A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	POS/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
SERVICE WATER	SENSORS	FT 1SW 92		AB21	435102	IEEE	A	B	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		05A SA		A1R16	41	344-			0.30	0.45						HZ	HZ	HZ	116,27	SPECTRUM
SW0015		02148	ROSEMOUNT	ESF-A	IN01	75			S/S	S/S									210,16	FOR DBE,
SW FROM RAB A	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									0,72,	OBE RESP
CHILLER WC-2 F	NSMITTER	108026RA	1153DB4	236.	20	74			VERT	VERT									262R1	ECT
LOW									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 92		AB21	435102	IEEE	A	B	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		05B SB		A1R30	42	344-			0.30	0.45						HZ	HZ	HZ	116,27	SPECTRUM
SW0015		02149	ROSEMOUNT	ESF-B	IN01	75			S/S	S/S									210,16	FOR DBE,
SW FROM RAB B	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									0,72,	OBE RESP
CHILLER WC-2 F	NSMITTER	108026RA	1153DB4	236.	20	74			VERT	VERT									262R1	ECT
LOW									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 92		AB31	435102	IEEE	A	C	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		09A SA		LCL	250	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
SW0015		02170	ROSEMOUNT		IN01	75			S/S	S/S									304,15	FOR BE,
CHIL COND SERV	FLOW TRA	108025RB			IN01-	323			0.30	0.45									6,68,	OBE RESP
ICE WTR FLOW	NSMITTER	108026RA	1153DB5	265.	20	74			VERT	VERT									258R1	ECT
M									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 92		AB31	435102	IEEE	A	B	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		09B SB		LCL	251	344-			0.30	0.45						HZ	HZ	HZ	110,21	SPECTRUM
SW0015		02169	ROSEMOUNT		IN01	75			S/S	S/S									304,15	FOR RBE,
CHIL COND SERV	FLOW TRA	108025RB			IN01-	323			0.30	0.45									6,68,	OBE RESP
ICE WTR FLOW	NSMITTER	108026RA	1153DB5	265.	20	74			VERT	VERT									258R1	ECT
E									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 92		AB11	435102	IEEE	A	B	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		75A SB		A1R 21	47	344-			0.30	0.45						HZ	HZ	HZ	128,39	SPECTRUM
SW0015		02267	ROSEMOUNT	ESF-B	IN01	75			S/S	S/S									217,16	FOR RBE,
SW FROM CONT F	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									8,80	OBE RESP
AN CLR AH-1	NSMITTER	108026RA	1153DB4	216.	20	74			VERT	VERT									266R1	ECT
FLOE									0.30	0.45										
SERVICE WATER	SENSORS	FT 1SW 92		AB11	435102	IEEE	A	B	F/B	F/B	YES	N/A	NA	MF	MD	>33	>33	>21	RAB	RESPONSE
		75B SA		A1R 11	48	344-			0.30	0.45						HZ	HZ	HZ	128,39	SPECTRUM
SW0015		02269	ROSEMOUNT	ESF-A	IN01	75			S/S	S/S									217,16	FOR RBE,
SW FROM CONT F	FLOW TRA	108025RB			IN01-	323-			0.30	0.45									8,80	OBE RESP
AN COOLER AH	NSMITTER	108026RA	1153DB4	216.	20	74			VERT	VERT									266R1	ECT
-2 E									0.30	0.45										

TAGS INCLUDED: FT 1SW 9205A SA----FT 1SW 9275C SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 SW FROM CONT F AN COOLER AH -3 E	SENSORS FLOW TRANSMITTER	FT 1SW 92 75C SA 02208 108025RB 108026RA	ROSEMOUNT 1153DB4	AB11 A1R 1 ESF-A 216.	435102 ???? IN01 ??????? ??????? ??????	IEEE 344-75 323-74	A	B	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	RAB 123,39 217,16 8,80 266R1	RESPONSE SPECTRUM FOR RBE, OBE RESPECT
SERVICE WATER SW0015 SW FROM CONT F AN COOLER AH -4 E	SENSORS FLOW TRANSMITTER	FT 1SW 92 75D SB 02210 108025RB 108026RA	ROSEMOUNT 1153DB4	AB11 A1R 5 ESF-B 216.	435102 53 IN01 IN01-20	IEEE 344-75 323-74	A	B	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	RAB 123,39 217,16 8,80 266R1	RESPONSE SPECTRUM FOR RBE, OBE RESPECT
SERVICE WATER SW0015 SW FLOW THRU A CC WTR HT EX CH	SENSORS PRESSURE TRANSMITTER	PDT 1SW70 40A S 01623 108025RB 108026RA	ROSEMOUNT 1153DB5	AB21 A1R16 ESF-A 236.	435102 221 IN01 IN01-20	IEEE 344-75	A	B	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	RAB 116,27 210,16 0,72, 262R1	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SERVICE WATER SW0015 SW FLOW THRU B CC WTR HT EX CH	SENSORS PRESSURE TRANSMITTER	PDT 1SW70 40B S 01624 108025RB 108026RA	ROSEMOUNT 1153DB5	AB21 A1R11 ESF-B 236.	435102 222 IN01 IN01-20	IEEE 344-75	A	B	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	RAB 116,27 210,16 0,72, 262R1	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SERVICE WATER SW0015 A EMERG SW PMP A HDR	SENSORS PRESSURE TRANSMITTER	PT 1SW 91 01A SA 02059 108025RB 108026RA	ROSEMOUNT 1153GB7	AB31 Y21C7 ESF-A 262.	435102 144 IN01 IN01-20	IEEE 344-75 323-74	A		F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	ESWINT 10,52 94,7 35,63	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SERVICE WATER SW0015 B EMERG SW PMP B HDR	SENSORS PRESSURE TRANSMITTER	PT 1SW 91 01B SB 02060 108025RB 108026RA	ROSEMOUNT 1153GB7	AB31 Y21C8 ESF-B 3462.	435102 145 IN01 IN01-20	IEEE 344-75 323-74	A		F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	ESWINT 10,52 94,7 35,63	RESPONSE SPECTRUM FOR DBE, OBE RESPECT

TAGS INCLUDED: FT 1SW 9275C SA----PT 1SW 9112A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I					S/D							
SERVICE WATER	SENSORS	PT 1SW 91 12A SA 02123	ROSEMOUNT	AB21 A1R16 ESF-A	435102 146 IN01	IEEE 344-75	A	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	RAB 116,27 210,16 0,72, 262R1	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SW0015 A SW BSTR PMP DISC PRES	PRESSURE TRANSMITTER	108025RB 108026RA	1153GB8	236.	IN01-20	323-74													
SERVICE WATER	SENSORS	PT 1SW 91 12B SB 02122	ROSEMOUNT	AB21 A1R35 ESF-B	435102 147 IN01	IEEE 344-75	A	B F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	RAB 116,27 210,16 0,72, 262R1	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SW0015 SW BSTR PMP B DISC PRES E	PRESSURE TRANSMITTER	108025RB 108026RA	1153GB8	236.	IN01-20	323-74													
SERVICE WATER	SENSORS	PT 1SW 92 09A SA 02174	ROSEMOUNT	AB31 SKID MTD	435102 269 IN01	IEEE 344-75	A	D F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	RAB 110,21 304,15 6,68, 258R1	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SW0015 SW TO A AUX BL DG CHILLR WC -2 NA-SA	PRESSURE TRANSMITTER	108025RB 108026RA	1153GB7PA	261.	IN01-20	323-74													
SERVICE WATER	SENSORS	PT 1SW 92 09B SB 02173	ROSEMOUNT	AB31 SKID MTD	435102 270 IN01	IEEE 344-75	A	D F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	RAB 110,21 304,15 6,68, 258R1	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SW0015 SW TO B AUX BL DG CHILLR WC -2 NB-SB	PRESSURE TRANSMITTER	108025RB 108026RA	1153GB7PA	263.	IN01-20	323-74													
SERVICE WATER	SENSORS	TT 1SW 92 05A SA 09684	WESTINGH'SE WISD	AB52 PIC-C13	435002 A-02	IEEE 323-74,344-75	A	D *		X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 37,88 212 10,60 191	TT9205A
SW0015 SW TO A AUX BL DG CHLR WC-2 1A-SA	TEMPERATURE TRANSMITTER	ESE-13	VLL14	305.															
SERVICE WATER	SENSORS	TT 1SW 92 05B SB 09683	WESTINGH'SE WISD	AB52 PIC-C14	435002 A-02	IEEE 323-74,344-75	A	D *		X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 37,88, 212, 10,60, 191	TT9205B
SW0015 SW TO B AUX BL DG CHLR WC-2 1B-SB	TEMPERATURE TRANSMITTER	ESE-13	VLL14	305.															

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SERVICE WATER	SIGNAL C	FF 1SW 70	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	
	ONDITION	5GA SA	E	PIC-		323-7										HZ	HZ	HZ	10,37,	FF7050A
SW0015	ERS	01630	WISD	C9	A-02	4,344													60,88,	
SW FRM A CC WT	FLOW SQU	ESE-13				-75													191,	
R HX SQ ROOT E	ARE ROOT		NCH1	305.															212	
XTR	EXTRACT																			
SERVICE WATER	SIGNAL C	FF 1SW 70	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12	
	ONDITION	5GB SB	E	PIC-		323-7										HZ	HZ	HZ	10,37,	FF7050B
SW0015	ERS	01629	WISD	C10	A-02	4,344													60,88,	
SW FRM B CC WT	FLOW SQU	ESE-13				-75													191,	
R HX SQ ROOT E	ARE ROOT		NCH1	305.															212	
XTR	EXTRACT																			
SERVICE WATER	SIGNAL C	FF 1SW 91	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12	
	ONDITION	01A SA	E	PIC-		323-7										HZ	HZ	HZ	10,37,	FF9101A
SW0015	ERS	02038	WISD	C9	A-02	4,344													60,88,	
SW PMPS A	FLOW SQU	ESE-13				-75													191,	
SQ RT EXT	ARE ROOT		NCH1	305.															212	
R	EXTRACT																			
SERVICE WATER	SIGNAL C	FF 1SW 91	WESTINGH'S	AB52	435002	IEEE	A	D			X			MF	MD	<33	<33	<33	RAB12-	
	ONDITION	01B SB	E	PIC-		323-7										HZ	HZ	HZ	10,37,	FF9101B
SW0015	ERS	02039	WISD	C10	A-02	4,344													60,88,	
SW PMPS B	FLOW SQU	ESE-13				-75													191,	
SQ RT EXT	ARE ROOT		NCH1	305.															212	
R	EXTRACT																			
SERVICE WATER	SIGNAL C	FF 1SW 91	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	
	ONDITION	12A SA	E	PIC-		323-7										HZ	HZ	HZ	10,37,	FF9112A
SW0015	ERS	02112	WISD	C9	A-02	4,344													60,88,	
SW BSTR PMP A	FLOW SQU	ESE-13				-75													191,	
SQ RT EXT	ARE ROOT		NCH1	305.															212	
R	EXTRACT																			
SERVICE WATER	SIGNAL C	FF 1SW 91	WESTINGH'S	AB52	435002	IEEE	A	B			X			MF	MD	<33	<33	<33	RAB12-	
	ONDITION	12B SB	E	PIC		323-7										HZ	HZ	HZ	10,37,	FF9112B
SW0015	ERS	02113	WISD	C10	A-02	4,344													60,88,	
SW BSTR PMP B	FLOW SQU	ESE-13				-75													191,	
SQ RT EXT	ARE ROOT		NCH1	305.															212	
R	EXTRACT																			

TAGS INCLUDED: FF 1SW 7050A SA----FF 1SW 9205A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SWOC15 SW FROM WC-2(1A-SA)SQ ROOT EXTR	SIGNAL CONDITIONERS FLOW SQUARE ROOT EXTRACT	FF 1SW 92 05A SA 02143 ESE-13	WESTINGH'SE WISD NCH1	AB52 PIC-C9 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191 212	FF9205A
SERVICE WATER SWOD15 SW FROM WC-2(1B-SB)SQ ROOT EXTR	SIGNAL CONDITIONERS FLOW SQUARE ROOT EXTRACT	FF 1SW 92 05B SB 02142 ESE-13	WESTINGH'SE WISD NCH1	AB52 PIC-C10 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	FF9205B
SERVICE WATER SWOC15 SW FROM CONT FAN COOLER AH -1	SIGNAL CONDITIONERS FLOW SQUARE ROOT EXTRACT	FF 1SW 92 75A SB 02197 ESE-13	WESTINGH'SE WISD NCH1	AB52 PIC-C10 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA312-10,37,60,88,191,212	FF9275A
SERVICE WATER SWOD15 SW FROM CONT FAN COOLER AH -2	SIGNAL CONDITIONERS FLOW SQUARE ROOT EXTRACT	FF 1SW 92 75B SA 02196 ESE-13	WESTINGH'SE WISD NCH1	AB52 PIC-C9 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	FF9275B
SERVICE WATER SWOC15 SW FROM CONT FAN COOLER AH -3	SIGNAL CONDITIONERS FLOW SQUARE ROOT EXTRACT	FF 1SW 92 75C SA 02198 ESE-13	WESTINGH'SE WISD NCH1	AB52 PIC-C9 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	FF9275C
SERVICE WATER SWOC15 SW FROM CONT FAN COOLER AH -4	SIGNAL CONDITIONERS FLOW SQUARE ROOT EXTRACT	FF 1SW 92 75D SB 02195 ESE-13	WESTINGH'SE WISD NCH1	AB52 PIC-C10 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37 60,88 191,212	FF9275D

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	EQUIPMENT TAG#/REC#	EQUIPMENT MAL.SUPPLR	EQUIPMENT BLDG	EQUIPMENT PO/ITM	QUAL CODES STDS	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #		O	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
SERVICE WATER SW0015 A EMERG SW PMP DISCSTRNR	SPECIALTIES PRESSURE SWITCH	PDS 1SW91 C1A SA 02067 R3-580-6	R.P.ADAMS CO. INS. ITT- BARTON 580-0	IE31 STRN MTD 246.	435037 001 M-59 50-M59 -20	IEEE 373-74 344-75	A	B		.2G IN 3 DIR.	X		NA	MF	MD	1.5 HZ	20 HZ	11 HZ	ESWIS EL 245 .5 PT. 11	
SERVICE WATER SW0015 B EMERG SW PMP DISCSTRNR	SPECIALTIES PRESSURE SWITCH	PDS 1SW91 018 SB 02068 R3-580-6	R.P. ADAMS CO. INS. ITT- BARTON 580-0	IE31 STRN MTD 246.	435037 001 M-59 50-M59 -20	IEEE 373-74 344-75	A			.2G IN 3 DIR.	X		NA	MF	MD	1.5 HZ	20 HZ	11 HZ	ESWIS EL 245 .5 PT. 11	
SERVICE WATER SW0015 B EMERG SW PMP DISCSTRNR	SPECIALTIES STRAINER MOTOR	3SW-5225 B-1 11677 B0058/37	R.P.ADAMS CO.INS. LIMITORQUE CO. SMB-00-10 WB-1	ESWI STRN MTD 7.	435037 001 M59 50-M59 -20	IEEE 344-75	A		1.5G HOR .20G HOR VERT	.28G HOR .32G HOR VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	ESWIS EL 245 .5 PT.11	
SERVICE WATER SW0015 A EMERG SW PMP DISCTRNR	SPECIALTIES STRAINER MOTOR	3SW-521SA -1 11676 B0058/37	R.P.ADAMS CO.INC. LIMITORQUE CO. SMB-00-10 WB-1	ESWI STRN MTD 7.	435037 001 M-59 50-M59 -20	IEEE	A		1.5G HOR .20G HOR .15G VERT	.28G HOR .32G HOR .28G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	ESWIS EL 245 .5 PT.11	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS		ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q I												
SERVICE WATER	SPEED RE	ESWIS-1A	ENVIREX	IE 3	435223	IEEE	A	F/B	F/B	X		S	N/A		N/A	N/A	N/A	2,16,2	
	DUCERS	REDCR		TRVSC	/18	344-		0.22	0.37									8,42,5	
SW0015		07830	WESTINGHOU	R	AS-44	1975		S/S	S/S									6,70	
TRANSMIT TORQU	REDUCER-	ME-80-W-	SE		70-AS			0.24	0.42										
E FROM MOTR TO	BAYB MAI	C17	MK-60509-1	262.	44-20			V	V										
CHAIN DRIVE	N RES		N/A					0.19	0.38										
SERVICE WATER	SPEED RE	ESWIS-1B	ENVIREX	IE 3	435223	IEEE	A	F/B	F/B	X		S	N/A		N/A	N/A	N/A	2,16,2	
	DUCERS	REDCR		TRVSC	/18	344-		0.22	0.37									8,42,5	
SW0015		07824	WESTING-	R	AS-44	1975		S/S	S/S									6,70	
TRANSMIT TORQU	REDUCER-	ME-80-W-	HOUSE		70-AS			0.24	0.42										
E FROM MOTR TO	BAY6	C17	MK-60509-1	262.	44-20			V	V										
CHAIN DRIVE	MAIN RES							0.19	0.38										
SERVICE WATER	SPEED RE	ESWSS-1A	ENVIREX	SS 3	435223	IEEE	A	F/B	F/B	X		S	N/A		N/A	N/A	N/A	1,15,1	
	DUCERS	REDCR		TRVSC	/28	344-		0.32	0.49									7,41,5	
SW0015		07842	WESTING-	R	AS-44	1975		S/S	S/S									5,69	
TRANSMIT TORQU	REDUCER-	ME-80-W-	HOUSE		70-AS			0.25	0.40										
E FROM MOTR TO	BAYB AUX	C13	MK-60280-1	262.	44-20			V	V										
CHAIN DRIVE	RES							0.20	0.38										
SERVICE WATER	SPEED RE	ESWSS-1B	ENVIREX	SS 3	435223	IEEE	A	F/B	F/B	X		S	N/A		N/A	N/A	N/A	1,15,1	
	DUCERS	REDCR		TRVSC	/28	344-		0.32	0.49									7,41,5	
SW0015		07836	WESTINGHOU	R	AS-44	1975		S/S	S/S									5,69	
TRANSMIT TORQU	REDUCER-	ME-80-W-	SE		70-AS			0.25	0.40										
E FROM MOTR TO	BAY6 AUX	C13	MK-60280-1	262.	44-20			V	V										
CHAIN DRIVE OF	RES							0.20	0.38										

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1506
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
SERVICE WATER SW0015 WITHSTANDS HEA DLOSS LOADS & REM TRASH	TRAV WAT SCR FRAME-BA Y 8 MAIN RES	ESWIS-1A FRM 07828 H600728	ENVIREX ENVIREX N/A	IE 3 WALL & FL 262.	435223 /1B AS-44 70-AS 44-20	IEEE 344-1975 & AISC	A	F/B 0.24 S/S 0.22 V 0.19	F/B 0.41 S/S 0.34 V 0.38	X		D	N/A		34.8	4.2	27.6	2,16,28,42,56,70	
SERVICE WATER SW0015 WITHSTANDS HEA DLOSS LOADS & REM TRASH	TRAV WAT SCR FRAME-BA Y 6 MAIN RES	ESWIS-1B FRM 07822 H600728	ENVIREX ENVIREX N/A	IE 3 WALL & FL 262.	435223 /1B AS-44 70-AS 44-20	IEEE 344-1975	A	F/B 0.24 S/S 0.22 V 0.19	F/B 0.41 S/S 0.34 V 0.38	X		D	N/A		34.8	4.2	27.6	2,16,28,42,56,70	
SERVICE WATER SW0015 WITHSTANDS HEA DLOSS LOADS & REM TRASH	TRAV WAT SCR FRAME-BA Y 8 AUX RES	ESWSS-1A FRM 07840 H600727	ENVIREX ENVIREX N/A	SS 3 WALL & FL 262.	435223 /2B AS-44 70-AS 44-20	IEEE 344-1975	A	F/B 0.20 S/S 0.29 V 0.38	F/B 0.32 S/S 0.33 V 0.49	X		D	N/A		32.3	4.2	24.7	1,15,17,41,55,69	
SERVICE WATER SW0015 WITHSTANDS HEA DLOSS LOADS & REM TRASH	TRAV WAT SCR FRAME-BA Y 6 AUX RES	ESWSS-1B FRM 07834 H600727	ENVIREX ENVIREX N/A	SS 3 WALL & FL 262.	435223 /2B AS-44 70-AS 44-20	IEEE 344-1975	A	F/B 0.20 S/S 0.29 V 0.38	F/B 0.32 S/S 0.33 V 0.49	X		D	N/A		32.3	4.2	24.7	1,15,17,41,55,69	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	TE 1SW 91	HAYWARD		435182	IEEE	A	B	.25G	.40G	X		S	NA		>33	>33	>33	I.S,	QUALIFIED
		60A5	TYLER PUMP		001	344-			HOR	HOR						HZ	HZ	HZ	E.S.W&	WITH
SW0015		02134	GENERAL	MOTOR	M67H	75			.15G	.30G									C.T.M	MOTOR
EMERG SW PMP A	TEMPERAT		ELECTRIC		50-M67				HOR	HOR									EL 260	
TEMP	URE PRIM		DUP.CHR.		H-20				.15G	.30G									.5 PT.	
	ARY ELEM		CONST.THRM						VERT	VERT									9	
SERVICE WATER	VALVES	TE 1SW 91	HAYWARD		435182	IEEE	A	B	.25G	.40G	X		S	NA		>33	>33	>33	I.S,	QUALIFIED
		60A6	TYLER PUMP	MOTOR	001	344-			HOR	HOR						HZ	HZ	HZ	E.S.W&	WITH
SW0015		02133	GENERAL	MTO	M67H	75			.15G	.30G									C.T.M	MOTOR
EMERG SW PMP A	TEMPERAT		ELECTRIC		50-M67				HOR	HOR									EL 260	
MTR WINDING T	URE PRIM		DUP.CHR.		H-20				.15G	.30G									.5 PT.	
EMP	ARY ELEM		CNS.THRMCP						VERT	VERT									9	
SERVICE WATER	VALVES	TE 1SW 91	HAYWARD		435182	IEEE	A	B	.25G	.40G	X		S	NA		>33	>33	>33	I.S,	QUALIFIED
		60B1	TYLER PUMP		001	344-			HOR	HOR						HZ	HZ	HZ	E.S.W&	WITH
SW0015		02132	GENERAL	MOTOR	M67H	75			.15G	.30G									C.T.M	MOTOR
EMER SW PUMP B	TEMPERAT		ELECTRIC		50-M67				HOR	HOR									EL 260	
MTR WINDING	URE PRIM		DUP.CHR.		H-20				.15G	.30G									.5 PT.	
TEMP	ARY ELEM		CNS.THRMCP						VERT	VERT									9	
SERVICE WATER	VALVES	TE 1SW 91	HAYWARD		435182	IEEE	A	B	.25G	.40G	X		S	NA		>33	>33	>33	I.S,	QUALIFIED
		60B2	TYLER PUMP		001	344-			HOR	HOR						HZ	HZ	HZ	E.S.W&	WITH
SW0015		02131	GENERAL	MOTOR	M67H	75			.15G	.30G									C.T.M	MOTOR
EMERG SW PMP B	TEMPERAT		ELECTRIC		50-M67				HOR	HOR									EL 260	
TEMP	URE PRIM		DUP.CHR.		H-20				.15G	.30G									.5 PT.	
	ARY ELEM		CNS.THRMCP						VERT	VERT									9	
SERVICE WATER	VALVES	TE 1SW 91	HAYWARD		435182	IEEE	A	B	.25G	.40G	X		S	NA		>33	>33	>33	I.S,	QUALIFIED
		60B3	TYLER PUMP		001	344-			HOR	HOR						HZ	HZ	HZ	E.S.W&	WITH
SW0015		02130	GENERAL	MOTOR	M67H	75			.15G	.30G									C.T.M	MOTOR
EMERG SW PMP B	TEMPERAT		ELECTRIC		50-M67				HOR	HOR									EL 260	
TEMP	URE PRIM		DUP.CHR.		H-20				.15G	.30G									.5 PT.	
	ARY ELEM		CNS,THRMCP						VERT	VERT									9	
SERVICE WATER	VALVES	TE 1SW 91	HAYWARD		435182	IEEE	A	B	.25G	.40G	X		S	NA		>33	>33	>33	I.S,	QUALIFIED
		60B4	TYLER PUMP		001	344-			HOR	HOR						HZ	HZ	HZ	E.S.W&	WITH
SW0015		02129	GENERAL	MOTOR	M67H	75			.15G	.30G									C.T.M	MOTOR
EMERG SW PMP B	TEMPERAT		ELECTRIC		50-M67				HOR	HOR									EL 260	
TEMP	URE PRIM		DUP.CHR.		H-20				.15G	.30G									.5 PT.	
	ARY ELEM		CNS.THRMCP						VERT	VERT									9	

TAGS INCLUDED: TE 1SW 916CA5 ----TE 1SW 916CB5
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 EMERG SW PMP B TEMP	VALVES TEMPERATURE PRIMARY ELEM	TE 1SW 916085 02127	HAYWARD TYLER PUMP GENERAL ELECTRIC DUP.CHR. CNS.THRMCP	MOTOR	435182 001 M674 50-M67 H-20	IEEE 344-75	A	B	.25G HOR .15G HOR .15G VERT	.40G HOR .30G HOR .30G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	I.S, E.S.W& C.T.M EL 260 .5 PT. 9	QUALIFIED WITH MOTOR
SERVICE WATER SW0015 EMERG SW PMP B TEMP	VALVES TEMPERATURE PRIMARY ELEM	TE 1SW 916086 02126	HAYWARD TYLER PUMP GENERAL ELECTRIC DUP.CHR. CNS.THRMCP	MOTOR MTD	435182 001 M674 50-M67 H-20	IEEE 344-75	A	B	.25G HOR .15G HOR .15G VERT	.40G HOR .30G HOR .30G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	I.S, E.S.W& C.T.M EL 260 .5 PT. 9	QUALIFIED WITH MOTOR
SERVICE WATER SW0015 COOLING WATER TO ESW FAN - COOLER	VALVES GLOBE 2	1SW-V666SA-1 11340 952677-04	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435154 008 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW SUPPLY TO CONTMT FAN COOLER AH-2	VALVES BUTTERFLY 8	2SW-B45SA-1 06412 JHA-77-99/28403	JAMESBURY CORPORATI JAMESBURY CORPORATI 8226-EA	AB11 PIPE MTD 230.	435182 007 M-44 50-M44 -20	ASME SECT III 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW SUPPLY TO CONTMT FAN COOLER AH-2	VALVES MOTOR OPERATOR	2SW-B45SA-1 09369 PG058/37	JAMESBURY CORP LIMITORQUE SMC-04-SHOBC	AB11 VLV MTD 230.	435082 007 M-44 50-M44 -20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW SUPPLY TO CONTMT FAN COOLER AH-3	VALVES BUTTERFLY 8	2SW-B46SA-1 06413 JHA-77-99/28403	JAMESBURY CORPORATI JAMESBURY CORPORATI 8226-EA	AB11 PIPE MTD 230.	435182 007 M-44 50-M44 -20	ASME SECT III 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: TE 1SW 916085 ----2SW-B46SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SQRT #1															
SERVICE WATER	VALVES	2SW-B46SA	JAMESBURY	AB11	435082	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	CORP	VLV	007	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		09371	JAMESBURY	MTD	M-44	75			1 G	2 G										
SW SUPPLY TO C	MOTOR	B0058/37			50-M44				VERT	VERT										
ONTMT FAN COOL	OPERATOR		SMC-G4-5-H	230.	-20															
ER AH-3			DBC																	
SERVICE WATER	VALVES	2SW-B47SA	JAMESBURY	AB11	435082	ASME	A		1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1	CORP	PIPE	007	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06414	JAMESBURY	MTD	M-44	III			1 G	2 G										
SW RETURN FROM	BUTTERFL	JHA-77-99	CORP		50-M44	77ED			VERT	VERT										
CONTMT FAN CO	Y 8	/28403	8226-EA	230.	-20															
OLER AH-3																				
SERVICE WATER	VALVES	2SW-B47SA	JAMESBURY	AB11	435082	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	CORP	VLV.	007	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		09373	LIMITORQUE	MTD	M-44	75			1 G	2 G										
SW RETURN FROM	MOTOR	B0058/37			50-M44				VERT	VERT										
CONTMT FAN CO	OPERATOR		SMC04-5-	230.	-20															
OLER AH-3			HOBC																	
SERVICE WATER	VALVES	2SW-B48SB	JAMESBURY	AB11	435082	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1	CORP	PIPE	007	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06415	JAMESBURY	MTD	M-44	III			1 G	2 G										
SW RETURN FROM	BUTTERFL	JHA-77-99	CORP		50-M44	77ED			VERT	VERT										
CONTMT FAN CO	Y 8	/28403	8226-EA	230.	-20															
OLER AH-1																				
SERVICE WATER	VALVES	2SW-B48SB	JAMESBURY	AB11	435082	IEEE	A		1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	CORP	VLV.	007	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		09375	LIMITORQUE	MTD	M-44	75			1 G	2 G										
SW RETURN FROM	MOTOR	B0058/37			50-M44				VERT	VERT										
CONTMT FAN CO	OPERATOR		SMC04-5-	230.	-20															
OLER AH-1			HOBC																	
SERVICE WATER	VALVES	2SW-B49SA	JAMESBURY	AB11	435082	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1	CORP	PIPE	007	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06416	JAMESBURY	MTD	M-44	III			1 G	2 G										
SW RETURN FROM	BUTTERFL	JHA-77-99	CORP		50-M44	77ED			VERT	VERT										
CONTMT FAN CO	Y 8	/28403	8226-EA	230.	-20															
OLER AH-2																				

TAGS INCLUDED: 2SW-B46SA-1 ----2SW-B49SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 SW RETURN FROM CONTMT FAN COOLER AH-2	VALVES MOTOR OPERATOR	2SW-849SA -1 09377 B0058/37	JAMESBURY CORP LIMITORQUE SMC04-5-HOBC	AB11 VLV. MTD 230.	435082 007 M-44 50-444 -20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW RETURN FROM CONTMT FAN COOLER AH-4	VALVES BUTTERFLY 8	2SW-850SB -1 06417 JHA-77-99 /28403	JAMESBURY CORP JAMESBURY CORPORATI 8226-EA	AB11 PIPE MTD 230.	435082 007 M-44 50-444 -20	ASME SECT III 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW RETURN FROM CONTMT FAN COOLER AH-4	VALVES MOTOR OPERATOR	2SW-850SB -1 09379 B0058/37	JAMESBURY CORP LIMITORQUE SM04-5-HOBC	AB11 VLV. MTD 230.	435082 007 M-44 50-444 -20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW SUPPLY TO CONTMT FAN COOLER AH-4	VALVES BUTTERFLY 8	2SW-851SB -1 06418 JHA-77-99 /28403	JAMESBURY CORP JAMESBURY CORPORATI 8226-EA	AB11 PIPE MTD 230.	435082 007 M-44 50-444 -20	ASME SECT III 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW SUPPLY TO CONTMT FAN COOLER AH-4	VALVES MOTOR OPERATOR	2SW-851SB -1 09381 B0058/37	JAMESBURY CORP LIMITORQUE SM0C-04-5-HOBC	AB11 VLV MTD 230.	435082 007 M-44 50-444 -20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW SUPPLY TO CONTMT FAN COOLER AH-1	VALVES BUTTERFLY 8	2SW-852SB -1 06419 JHA-77-99 /28403	JAMESBURY CORP JAMESBURY CORP 8226-EA	AB11 PIPE MTD 230.	435082 007 M-44 50-444 -20	ASME SECT III 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SW-849SA-1 ----2SW-852SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
SERVICE WATER	VALVES	2SW-B52S8	JAMESBURY	AB11	435082	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	CORP	VLV.	007	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		09383	LIMITORQUE	MTD	M-44	75			1 G	2 G										
SW SUPPLY TO C	MOTOR	BC058/37			50-M44				VERT	VERT										
ONTMT FAN COOL	OPERATOR		SMOC-04-05	230.	-20															
ER AH-1			-HOBC																	
SERVICE WATER	VALVES	2SW-B88SA	ITT HAMMEL	AB11	435176	ASME	A	D	1.5G	3G	X		S	SF	SD	>33	>33	>33	NA	COMPUTER
		B-1	DAHL	VLV.	1384	SECT			HOR	HOR						HZ	HZ	HZ		ANAL USIN
SW0015		06423	ITT HAMMEL	MTD	M-66H	III			1G	2G										SAP IV
SW SUPPLY TO N	BUTTERFL	REPORT	DAHL		50-M66	77ED			VERT	VERT										COMPUTER
ON SAFETY HVAC	Y 12	NO.2991	NP832UA175	233.	H-20	WINTR														PROGRAM
COOLERS			E			77ADD														
SERVICE WATER	VALVES	2SW-B88SA	ITT HAMMEL	AB11	435176	IEEE	A	D	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV.	1384	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		09385	ASCO	MTD	M-66H	75			1 G	2 G										
SW SUPPLY TO N	SOLENOID	AQR-67368			50-M66				VERT	VERT										
ON SAFETY HVAC	VALVE		NP832UA175	233.	H-20															
COOLERS			E																	
SERVICE WATER	VALVES	2SW-B88SA	ITT HAMMEL	AB11	435174	IEEE	A		1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		B-1	DAHL	VLV	1384	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		09386	NAMCO	MTD	M-66H	75			1 G	2 G										
SW SUPPLY TO	LIMIT	QTR-105			50-M66				VERT	VERT										
NON SAFETY	SW ITCH		EA-180	233.	H-20															
HVAC COOLERS																				
SERVICE WATER	VALVES	2SW-B88SA		AB11		IEEE	A	B	3 G	3 G	X	NA	S	NA	NA	>33	>33	>33	NA	
		B-1				344-7			HORI	HORI						HZ	HZ	HZ		
SW0015		11871	NAMCO			5			3 G	3 G										
SW SUPPLY TO	LIMIT SW	R1063-19,				ASME			VERT	VERT										
NON SAFETY	ITCH (2	#37274-V3	EA-180-113	233.		SECT														
HVA COOLERS	OF 4)		02			III														
SERVICE WATER	VALVES	2SW-B88SA		AB11		IEEE		B	3G	3G	X	NA	NA	SF	MD	>33	>33	>33	NA	
		P-1				344-7			HOR	HOR.						HZ	HZ	HZ		
SW0015		11872	NAMCO			5,323			3G	3G										
SW SUPPLY TO	LIMIT SW	AQS21678/				-74,3			VERT	VERT										
NON SAFETY	ITCH (3	TR REV A	EA-180-113	233.		82-72														
HVA COOLERS	OF 4)		02																	

TAGS INCLUDED: 2SW-B52S8-1 ----2SW-B88SAB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #1		Q	I												
SERVICE WATER	VALVES	2SW-B88SA		AB11		IEEE	A	B	3G	3G	X	NA	S	NA	NA	>33	>33	>33	NA	
		B-1				344-7			HOR	HOR						HZ	HZ	HZ		
SW0015		11873	NAMCO			5			3G	3G										
SW SUPPLY TO	LIMIT SW	1018REV1,							VERT	VERT										
NON SAFETY	ITCH (4	#1074	EA-180-113	233.																
HVA COOLERS	OF 4)		02																	
SERVICE WATER	VALVES	2SW-B88SA		AB11		IEEE	A		3 G	3 G	X	NA	NA	SF	SD	>33	>33	>33	NA	2SWITCHES
		B-1				344-7			HOR	HOR						HZ	HZ	HZ		
SW0015		11874	ASCO			5,323			3 G	3 G										
FAIL CLOSED	SOLENOID	EA-180				-74,3			VERT	VERT										
	VALVE(2	QTR-105	NP8320175E	233.		82-72														
	OF 2)																			
SERVICE WATER	VALVES	2SW-B89SA	ITT HAMMEL	CB11	435176	ASME	A	B	1.5G	3G	X		S	SF	SD	>33	>33	>33	NA	COMPUTER
		-1	DAHL	PIPE	139	SECT			HOR	HOR						HZ	HZ	HZ		ANAL USIN
SW0015		06394	ITT HAMMEL	MTD	M-66NH	III			1G	2G										SAP RV
FAIL CLOSED	BUTTERFL	REPORT	DAHL		50-M66	77ED			VERT	VERT										COMPUTER
	Y 12	NO.2991	V676UGCL9W	230.	H-20	WINTR														PROGRAM
E			AEZNC1			77ADD														
SERVICE WATER	VALVES	2SW-B89SA	ITT HAMMEL	CB11	435176	IEEE	A	C	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	DAHL	VLV	139	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		09387	ASCO	MTD	M-66H	75			1 G	2 G										
SW RETURN FROM	SOLENOID	AQR-67368			50-M66				VERT	VERT										
NON SAFETY	VALVE		NP8320A175	230.	H-20															
HVAM COOLER			E																	
SERVICE WATER	VALVES	2SW-B89SA	ITT HAMMEL	CB11	435176	IEEE	A	C	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	DAHL	VLV	139	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		09388	NAMCO	MTD	M-66H	75			1 G	2 G										
ISO VLV FOR SW	LIMIT SW	QTR-105			50-M66				VERT	VERT										
RETURN FROM	SWITCH		EA-180	230.	H-20															
HVAM COOLER	(1 OF 2)																			
SERVICE WATER	VALVES	2SW-B89SA	ITT HAMMEL	CB11	435176	IEEE	A	C	1.5G	3G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	DAHL	VLV	139	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		10870	NAMCO	MTD	M66H	75			1G	2G										
ISO VLV FOR SW	LIMIT	QTR-105			50-M66				VERT	VERT										
RETURN FROM	SWITCH		EA-180-113	230.	H-20															
CONMAINMENT	(2 OF 2)		02																	

TAGS INCLUDED: 2SW-B88SAB-1 ----2SW-B90SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER SW0015 SW RETURN FROM NON SAFETY HVAC COOLER	VALVES BUTTERFLY 12	2SW-B90SB-1 06395 REPORT NO.2991	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175E	AB11 VLV MTD 230.	435176 138 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
SERVICE WATER SW0015 FAIL CLOSED	VALVES SOLENOID VALVE	2SW-B90SB-1 09389 AOR-67368	ITT HAMMEL DAHL ASCO NP8320A175E	AB11 VLV MTD 230.	435176 138 M-66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FAIL CLOSED	VALVES LIMIT SWITCH	2SW-B90SB-1 09390 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB11 VLV MTD 230.	435176 138 M-66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FAIL CLOSED	VALVES LIMIT SWITCH (2 OF 2)	2SW-B90SB-1 11869	NAMCO EA-180-113 02	AB11 230.																
SERVICE WATER SW0015 RELIEF VALVE CONNEC AT CONTM T FAN COOLER A	VALVES RELIEF VALV 1	2SW-R1SA-1 06287 TR#-3860	CROSBY GAUGE & VALVE CROSBY GAUGE & VALVE JMB-WR	AB11 PIPE MTD 216	435389 203 M-40 50-M40 -20	IEEE 344-1975 ASME SECT III	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 RELIEF VALVE CONNEC AT CONTM T FAN COOLER A	VALVES RELIEF VALV 1	2SW-R2SB-1 06288 TR#-3860	CROSBY GAUGE & VALVE CROSBY GAUGE & VALVE JMB-WR	AB11 PIPE MTD 216	435389 203 M-40 50-M40 -020	IEEE 344-1975 ASME SECT III	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SW-B90SB-1 ----2SW-R3SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SERVICE WATER SW0015 RELIEF VALVE CONNEC AT CONTMT FAN COOLER A	VALVES RELIEF VALV 1	2SW-R3SA-1 06289 TR#-3860	CROSBY GAU GE & VALVE CROSBY GAU GE & VALVE JMB-WR	AB11 PIPE MTD 216	435089 003 M-40 50-M40 -20	IEEE 344-1975 ASME SECT III	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 RELIEF VALVE CONNEC AT CONTMT FAN COOLER A	VALVES RELIEF VALV 1	2SW-R4SB-1 06290 TR#-3860	CROSBY GAU GE & VALVE CROSBY GAU GE & VALVE JMB-WR	AB11 PIPE MTD 216	435089 003 M-40 50-M40 -20	IEEE 344-1975 ASME SECT III	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW SUPPLY TO NON SAFETY HVAC COOEERS	VALVES CHECK 12	2SW-V142SN-1 06424 SOE9074	ANCHOR DARLING V ANCHOR DARLING V 12",150#S	CB1 PIPE MTD 221.	435013 057 M-33A 50-M33 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 DRN ON LINE 2S W8-299SA	VALVES GLOBE 1	2SW-V408SA-1 06464 952677-02	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 DRN ON LINE 2S W8-300SA	VALVES GLOBE 1	2SW-V409SA-1 06465 952677-02	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 DRN ON LINE 2S W8-305SB	VALVES GLOBE 1	2SW-V410SB-1 06466 952677-02	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SW-R3SA-1 ----2SW-V411SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER SWOO15 DRN ON LINE 2S W8-306SB	VALVES GLOBE 1	2SW-V411S B-1 06467 952677-02	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SWOO15 TEST CONNECT O N SW TO NNS CONTAIN FAN CO	VALVES GLOBE 1	2SW-V463S N-1 06492 952677-02	YARWAY YARWAY 5515B-SA 105	CB11 PIPE MTD 221.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SWOO15 TEST CONNECT O N SW FROM CRDM COONER	VALVES GLOBE 1	2SW-V467S N-1 03364 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SWOO15 TEST CONNECT O N SW FROM CRDM COONER	VALVES GLOBE 1	2SW-V467S N-1 06491 952677-02	YARWAY YARWAY 5515B-SA 105	CB11 PIPE MTD 221.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SWOO15 FAN COOLER AH-1 SW SUPPLY LINE 2SW10-50S	VALVES GLOBE 1	2SW-V486S B-1 06506 952677-02	YARWAY YARWAY 5515B-SA 105	CB21 234.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOO15 FAN COOLER AH-1 SW RETURN LINE 2SW10-51S	VALVES GLOBE 1	2SW-V487S B-1 06507 952677-02	YARWAY YARWAY 5515B-SA 105	CB21 PIPE MTD 234.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2SW-V411SB-1 ----2SW-V488SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	2SW-V488S	YARWAY	CB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SWC015		06508	YARWAY	MTD	M-34Y	III			1G	2G										R
FAN COOLER AH-	GLOBE	952677-02			50-M34	74ED			VERT	VER										
1 SW SUPPLY	1		5515B-SA	236.	Y-20	WINTR														
LINE 2SW4-585S			105			76ADD														
SERVICE WATER	VALVES	2SW-V489S	YARWAY	CB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SWC015		06509	YARWAY	MTD	M-34Y	III			1G	2G										R
FAN COOLER AH-	GLOBE	952677-02			50-M34	74ED			VERT	VER										
1 SW SUPPLY	1		5515B-SA	236.	Y-20	WINTR														
LINE 2SW4-455S			105			76ADD														
SERVICE WATER	VALVES	2SW-V490S	YARWAY	CB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SWC015		06510	YARWAY	MTD	M-34Y	III			1G	2G										R
FAN COOLER AH-	GLOBE	952677-02			50-M34	74ED			VERT	VER										
1 SW SUPPLY	1		5515B-SA	236.	Y-20	WINTR														
LINE 2SW4-586S			105			76ADD														
SERVICE WATER	VALVES	2SW-V491S	YARWAY	CB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SWC015		06511	YARWAY	MTD	M-34Y	III			1G	2G										R
FAN COOLER AH-	GLOBE	952677-02			50-M34	74ED			VERT	VER										
1 SW SUPPLY	1		5515B-SA	236.	Y-20	WINTR														
LINN 2SW4-456S			105			76ADD														
SERVICE WATER	VALVES	2SW-V492S	YARWAY	CB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SWC015		06512	YARWAY	MTD	M-34Y	III			1G	2G										R
FAN COOLER AH-	GLOBE	952677-02			50-M34	74ED			VERT	VER										
2 SW SUPPLY	1		5515B-SA	236.	Y-20	WINTR														
LINE 2SW10-32S			105			76ADD														
SERVICE WATER	VALVES	2SW-V493S	YARWAY	CB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SWC015		06513	YARWAY	MTD	M-34Y	III			1G	2G										R
FAN COOLER AH-	GLOBE	952677-02			50-M34	74ED			VERT	VER										
2 SW RETURN	1		5515B-SA	236.	Y-20	WINTR														
LINE 2SW10-37S			105			76ADD														

TAGS INCLUDED: 2SW-V488SB-1 ----2SW-V494SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- C 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PC/ITM	QUAL	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SPRT #	CODES STDS	TUS Q	I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA-LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
SERVICE WATER SWOC15 FAN COOLER AH-2 SW SUPPLY LINE 2SW4-593S	VALVES GLOBE 1	2SW-V494S A-1 06514 952677-02	YARWAY YARWAY 5515B-SA 105	CB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOC15 FAN COOLER AH-2 SW SUPPLY LINE 2SW4-461S	VALVES GLOBE 1	2SW-V495S A-1 06515 952677-02	YARWAY YARWAY 5515B-SA 105	CB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOC15 FAN COOLER AH-2 SW SUPPLY LINE 2SW4-594S	VALVES GLOBE 1	2SW-V496S A-1 06516 952677-02	YARWAY YARWAY 5515B-SA 105	CB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOC15 FAN COOLER AH-2 SW SUPPLY LINE 2SW4-462S	VALVES GLOBE 1	2SW-V497S A-1 06517 952677-02	YARWAY YARWAY 5515B-SA 105	CB21 PIPE MTD 236.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOC15 FAN COOLER AH-3 SW SUPPLY LINN 2SW10-34S	VALVES GLOBE 1	2SW-V498S A-1 06518 952677-02	BLAKE YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SWOC15 FAN COOLER AH-3 SW RETURN LINE 2SW10-35S	VALVES GLOBE 1	2SW-V499S A-1 06519 952677-02	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 2SW-V494SA-1 ----2SW-V500SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	2SW-V500S	YARWAY	CB41	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06520	YARWAY	MTD	M-34Y	III			1G	2G										R
FAN COOLER AH-	GLOBE	952677-02			50-M34	74ED			VERT	VER										
3 SW SUPPLY	1		5515B-SA	286.	Y-20	WINTR														
LINE 2SW4-601S			105			76ADD														
SERVICE WATER	VALVES	2SW-V501S	YARWAY	CB41	435056	ASME	A	D	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06521	YARWAY	MTD	M-34Y	III			1G	2G										
FAN COOLER AH-	GLOBE	952677-02			50-M34	74ED			VERT	VER										
3 SW SUPPLY	1		5515B-SA	286.	Y-20	WINTR														
LINK 2SW4-450S			105			76ADD														
SERVICE WATER	VALVES	2SW-V502S	YARWAY	CB41	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06522	YARWAY	MTD	M-34Y	III			1G	2G										R
FAN COOLER AH-	GLOBE	952677-02			50-M34	74ED			VERT	VER										
3 SW SUPPLY	1		5515B-SA	286.	Y-20	WINTR														
LINE 2SW4-602S			105			76ADD														
SERVICE WATER	VALVES	2SW-V503S	YARWAY	CB41	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06523	YARWAY	MTD	M-34Y	III			1G	2G										R
FAN COOLER AH-	GLOBE	952677-02			50-M34	74ED			VERT	VER										
3 SW SUPPLY	1		5515B-SA	286.	Y-20	WINTR														
LINE 2SW4-449S			105			76ADD														
SERVICE WATER	VALVES	2SW-V504S	YARWAY	CB41	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06524	YARWAY	MTD	M-34Y	III			1 G	2 G										R
FAN COOLER AH-	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
4 SW SUPPLY	1		5515B-SA	286.	Y-20	WINTR														
LINE 2SW10-55S			105			76ADD														
SERVICE WATER	VALVES	2SW-V505S	YARWAY	CB41	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06525	YARWAY	MTD	M-34Y	III			1G	2G										R
FAN COOLER AH-	GLOBE	952677-02			50-M34	74ED			VERT	VER										
4 SW RETURN	1		5515B-SA	286.	Y-20	WINTR														
LINE 2SW10-56S			105			76ADD														

TAGS INCLUDED: 2SW-V500SA-1 ----2SW-V506SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER SW0015 FAN COOLER AH-4 SW SUPPLY LINN 2SW4-609S	VALVES GLOBE 1	2SW-V506S B-1 06526 952677-02	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FAN COOLER AH-4 SW SUPPLY LINE 2SW4-467S	VALVES GLOBE 1	2SW-V507S B-1 06527 952677-02	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FAN COOLER AH-4 SW SUPPLY LINN 2SW4-610S	VALVES GLOBE 1	2SW-V508S B-1 06528 952677-02	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286.	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FAN COOLER AH-4 SW SUPPLY LINE 2SW4-468S	VALVES GLOBE 1	2SW-V509S B-1 06529 952677-02	YARWAY YARWAY 5515B-SA 105	CB41 PIPE MTD 286	435056 002 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 EMERG SER WATER INTAKE SCREENING STRUCT OU	VALVES BUTTERFLY 30	3SW-B1SA-1 06250 JHA-77-99 /28404	JAMESBURY CORP JAMESBURY CORP 8229-MT	SS31 PIPE MTD 262.	435082 001 M-44 50-M44 1-20	ASME SECT III 77ED	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 EMERG SER WATER INTAKE SCREENING STRUCT OU	VALVES MOTOR OPERATOR	3SW-B1SA-1 09291 80058/37	JAMESBURY CORP LIMITORQUE SMB00-10-H 28C	SS31 VLV MTD 262.	435082 001 M-44 50-M44 1-20	IEEE 344-75	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		NA	SF	SF	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SW-V506SB-1 ----3SW-B103SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SERVICE WATER SW0015 SW RETURN FROM CONTMT FAN COOLERS TO SW RE	VALVES BUTTERFLY 14	3SW-B103S A-1 06276 JHA-77-99 /28404	JAMESBURY CORP JAMESBURY CORP 8229-MT	AB11 PIPE MTD 216.	435082 005 M-44 50-M44 -20	ASME SECT III 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW RETURN FROM CONTMT FAN COOLERS TO SW RE	VALVES BUTTERFLY 14	3SW-B104S B-1 06285 JHA-77-99 /28404-C	JAMESBURY CORP JAMESBURY CORP 8229-MT	AB11 PIPE MTD 216.	435082 005 M-44 50-M44 -20	ASME SECT III 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 W/ LIMIT SWITCHES	VALVES BUTTERFLY 30	3SW-B105S A-1 06253 JHA-77-99 /28404	JAMESBURY CORPORATI EA-180	TA11 VLV. MTD 236.	435082 002 M-44 50-M44 -20	ASME SECT III 77ED	A	D	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 W/ LIMIT SWITCHES	VALVES LIMIT SWITCH (10F2)	3SW-B105S A-1 09293 QTR-165	JAMESBURY CORP NAMCO EA-180	TA11 VLV. MTD 236.	435082 002 M-44 50-M44 -20	IEEE 344-75	A	D	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 LATER N	VALVES LIMIT SWITCH (20F2)	3SW-B105S A-1 11501 QTR-105	JAMESBURY CORP NAMCO EA-180	TA11 VLV MTD 236.	435082 002 M44 50-M44 -20	ASME SECT III 77ED	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 W/ LIMIT SWITCHES	VALVES BUTTERFLY 30	3SW-B106S B-1 06261 JHA-77-99 /28404-C	JAMESBURY CORP JAMESBURY CORP 8229-MT	TA11 PIPE MTD 236.	435082 002 M-44 50-M44 -20	IEEE 344-75	A		1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-B103SA-1 ----3SW-B106SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O	I												
SERVICE WATER	VALVES	3SW-B106S B-1	JAMESBURY CORP	TA11 VLV	435082 002	IEEE 344-	A		1.5G HOR	3 G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		09296	NAMCO	MTD	M-44	75			1 G	2 G										
SW SUPPLY HDR B FROM SW PUMPS DISCH TO	LIMIT SWITCH (10F2)	QTR-105	EA-180	236.	50-M44 -20				VER	VER										
SERVICE WATER	VALVES	3SW-B106S B-1	JAMESBURY CORP	TA11 VLV	435082 002	ASME SECT	A	D	1.5G HOR	3G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ		
SW0015		11502	NAMCO	MTD	M44	III			1G	2G										
SW SUPPLY HDR B FROM SW PUMNS DISCH TO	LIMIT SWITCH (20F2)	QTR-105	EA-180	236.		77ED			VERT	VERT										
SERVICE WATER	VALVES	3SW-B107S A-1	JAMESBURY CORP	PIPE MTD	435082 029	ASME SECT	A	C	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06305	JAMESBURY		M-44	III			1 G	2 G										
SW FROM SUPPLY HDR A TO DIES EL GEN #1 COOL	BUTTERFL Y 8	JHA-77-99 /28404	CORPORATI 8226-MA		50-M44 -20	77ED			VERT	VERT										
SERVICE WATER	VALVES	3SW-B108S A-1	BLAKE EQUIPMENT	PIPE MTD	435082 189	ASME SECT	A		1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06307	JAMESBURY		M-44	III			1 G	2 G										
SW RETURN FROM DIESEL GEN #1 COOLING TO SW	BUTTERFL Y 8	JHA-77-99 /28404	CORPORATI 8226-MA		50-M44 -20	77ED			VERT	VERT										
SERVICE WATER	VALVES	3SW-B109S B-1	JAMESBURY CORP	PIPE MTD	435082 029	ASME SECT	A		1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06335	JAMESBURY		M-44	III			1 G	2 G										
SW RETURN FROM DIESEL GEN 1B COOLING TO RET	BUTTERFL Y 8	JHA-77-99 /28404	CORPORATI 8226-MA		50-M44 -20	77ED			VERT	VERT										
SERVICE WATER	VALVES	3SW-B110S B-1	JAMESBURY CORP	PIPE MTD	435082 029	ASME SECT	A		1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06373	JAMESBURY		M-44	III			1 G	2 G										
FROM SW SUPPLY HDR B TO DIES EL GEN 1B COOL	BUTTERFL Y 8	JHA-77-99 /28404	CORPORATI 8226-MA		50-M44 -20	77ED			VERT	VERT										

TAGS INCLUDED: 3SW-B106SB-1 ----3SW-B13SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 SW RETURN HDR A TO NORM SW DISCH HDR	VALVES BUTTERFLY 30	3SW-B13SB-1 06312 JHA-77-99/28404	JAMESBURY CORP JAMESBURY CORPORATION 8229-MT	AB21 PIPE MTD 239.	435082 003 M-44 50-M44-20	ASME SECT III 77ED	A		1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW RETURN HDR A TO NORM SW DISCH HDR	VALVES MOTOR OPERATOR	3SW-B13SB-1 09297 B0058/37	JAMESBURY CORP LIMITORQUE SM-B-00-10-H2BC	AB21 VLV MTD 239.	435082 003 M-44 50-M44-20	IEEE 344-75	A		1.5G HOR 1 G VER	3 G HOR 2 G VER	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW RETURN HDR B TO NORM SW DISCH HDR	VALVES BUTTERFLY 30	3SW-B14SB-1 06311 JHA-77-99/28404	JAMESBURY CORP JAMESBURY CORP 8229-MT	AB21 PIPE MTD 241.	435082 003 M-44 50-M44-20	ASME SECT III 77ED	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW RETURN HDR B TO NORM SW DISCH HDR	VALVES MOTOR OPERATOR	3SW-B14SB-1 09299 B0058/37	JAMESBURY CORP LIMITORQUE SMB-00-10-H2BC	AB21 PIPE MTD 241.	435082 003 M-44 50-M44-20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW RETURN HDR A ELBOW THICKNES	VALVES BUTTERFLY 30	3SW-B15SA-1 06268 JHA-77-99/28404	JAMESBURY CORP JAMESBURY CORPORATION 8229-MT	TA12 PIPE MTD 236.	435082 009 M-44 50-M44-20	ASME SECT III 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW RETURN HDR A ELBOW THICKNES	VALVES MOTOR OPERATOR	3SW-B15SA-1 09361 B0058/37	JAMESBURY CORP LIMITORQUE SMBOC-10-H2BC	TA12 VLV. MTD 236.	435082 009 M-44 50-M44-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-B13SB-1 ----3SW-B16SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I												
SERVICE WATER	VALVES	3SW-B16SB -1	JAMESBURY CORP	TA12 PIPE	435082 009	ASME SECT	A	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06358	JAMESBURY	MTD	M-44	III		1 G	2 G										
SW FROM RETURN HDR B TO CIRC W DISCH	BUTTERFLY 30	JHA-77-99 /28404	CORPORATI 8229-MT	235.	50-M44 -20	77ED		VERT	VERT										
SERVICE WATER	VALVES	3SW-B16SB -1	JAMESBURY CORP	TA12 VLV	435082 009	IEEE 344-	A	B 1.5G HOR	3 G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		09303	LIMITORQUE	MTD	M-44	75		1 G	2 G										
SW FROM RETURN HDR B TO CIRC W DISCH	MOTOR OPERATOR	80058/37	SM900-10-H 28C	235.	50-M44 -20			VERT	VERT										
SERVICE WATER	VALVES	3SW-B17SA -1	JAMESBURY CORP	AB21 PIPE	435082 008	ASME SECT	A	B 1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06291	JAMESBURY	MTD	M-44	III		1 G	2 G										
SW FROM SUPPLY HDR A TO CCW HEAT EXCH 1A-S	BUTTERFLY 24	JHA-77-99 /28404	CORPORATI 8229-MT	235.	50-M44 -20	77ED		VERT	VERT										
SERVICE WATER	VALVES	3SW-B18SA -1	JAMESBURY CORP	AB21 PIPE	435082 008	ASME SECT	A	B 1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06292	JAMESBURY	MTD	M-44	III		1 G	2 G										
SW FROM CCW HEAT EXCH 1A-SA TO SW RETURN H	BUTTERFLY 24	JHA-77-99 /28404	CORPORATI 8229-MT	235.	50-M44 -20	77ED		VERT	VERT										
SERVICE WATER	VALVES	3SW-B19SB -1	JAMESBURY CORP	AB21 PIPE	435082 008	ASME SECT	A	B 1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06293	JAMESBURY	MTD	M-44	III		1 G	2 G										
SW FROM SW SUPPLY HDR B TO CCW HEAT EXCH 1	BUTTERFLY 24	JHA-77-99 /28404	CORPORATI 8229-MT	234.	50-M44 -20	77ED		VERT	VERT										
SERVICE WATER	VALVES	3SW-B2SB- 1	JAMESBURY CORP	SS31 PIPE	435082 001	IEEE 344-	A	B 1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06258	JAMESBURY	MTD	M-44	75		1 G	2 G										
EMERG SW INTAKE SCREENING STRUTURE OUTLET	BUTTERFLY 30	JHA-77-99 /28404	CORPORATI 8229-MT	262.	50-M44 -20			VER	VER										

TAGS INCLUDED: 3SW-B16SB-1 ----3SW-B2SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- C 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-B2SB-1	JAMESBURY CORP	SS31 PIPE	435082 001	IEEE 344-75	A		1.5G HOR	3 G HOR	X		NA	SF	SF	>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		09305	LIMITORQUE	MTD	M-44				1 G	2 G										
EMERG SW INTAK	MOTOR	B0058/37			59-M44				VER	VER										
E SCREENING ST	OPERATOR		SMB00-10-H	262.	-20															
RUTURE OUTLET			2BC																	
SERVICE WATER	VALVES	3SW-B20SB-1	JAMESBURY CORP	AB21 PIPE	435082 008	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06294	JAMESBURY	MTD	M-44	III			1 G	2 G										
SW FROM CCW HE	BUTTERFL	JHA-77-99	CORPORATI		59-M44	77ED			VERT	VERT										
AT EXCH 1B-SB	Y 24	/28404	8229-MT	236.	-20															
TO SW RETURN H																				
SERVICE WATER	VALVES	3SW-B21SA-1	JAMESBURY CORP	AB21 PIPE	435082 005	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06271	JAMESBURY	MTD	M-44	III			1 G	2 G										
SW BOOSTER PUM	BUTTERFL	JHA-77-99	CORP		59-M44	77ED			VERT	VERT										
P 1A-SA DISCH	Y 14	/28404	8229-MT	236.	-20															
HDR																				
SERVICE WATER	VALVES	3SW-B22SB-1	JAMESBURY CORP	AB21 PIPE	435082 005	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06280	JAMESBURY	MTD	M-44	III			1 G	2 G										R
FROM SW BOOSTE	BUTTERFL	JHA-77-99	CORP		59-M44	77ED			VERT	VERT										
R PUMP 1B-SB D	Y 14	/28404	8229-MT	236.	-20															
ISCE TO CONTMT																				
SERVICE WATER	VALVES	3SW-B23SA-1	JAMESBURY CORP	AB21 PIPE	435082 005	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06272	JAMESBURY	MTD	M-44	III			1G	2 G										
SW BOOSTER PUM	BUTTERFL	JHA-77-99	CORP		59-M44	77ED			VERT	VERT										
P 1A-SA BY-PAS	Y 14	/28404	8229-MT	236.	-20															
S																				
SERVICE WATER	VALVES	3SW-B24SB-1	JAMESBURY CORP	AB21 PIPE	435082 005	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06281	JAMESBURY	MTD	M-44	III			1 G	2 G										R
SW BOOSTER PUM	BUTTERFL	JHA-77-99	CORP		59-M44	77ED			VERT	VERT										
P 1B-SB BY-PAS	Y 14	/28404	8229-MT	236.	-20															
S E																				

TAGS INCLUDED: 3SW-B2SB-1 ----3SW-B25SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	VALVES	3SW-B25SA-1	JAMESBURY CORP	AB21 PIPE	435082 004	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW00015		06269	JAMESBURY	MTD	M-44	III			1 G	2 G										R
FROM SUPPLY HD R A TO SW BOOS TEREPUMP A SUC	BUTTERFLY 14	JHA-77-99/28404	CORP 8229-MT	235.	50-M44-20	77ED			VERT	VERT										
SERVICE WATER	VALVES	3SW-B26SB-1	MILLER ENERGY IN	AB21 PIPE	435082 189	ASME SECT	A		1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW00015		06273	JAMESBURY	MTD	M-44	III			1 G	2 G										
LOCKED OPEN	BUTTERFLY 14	JHA-77-99/28404	CORPORATI 8229-MT	233.	50-M44-20	77ED			VERT	VERT										
SERVICE WATER	VALVES	3SW-P3SA-1	ALLIS-CHALMERS	IE31 FLOOR	435258 001	ASME SECT	A	B	.35G HOR	.67G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	ESWIS EL260'	
SW00015		06248	ALLIS-CHALMERS	MTD	M-78	III			.60G HOR	1.05 GHOR									.5 PT.9	
96 IN WIDE , 120 IN HIGH SQ BUTFLY VLV.LOC	BUTTERFLY 96	VER-0230 REV 2	STEAM SEAL RECTANGULR	262.	50-M78-20				.60G VERT	.90G VERT										
SERVICE WATER	VALVES	3SW-B3SA-1	ALLIS-CHALMERS	IE31 VLV	435258 001	IEEE 344-75	A		.70G HOR	1.1G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	ESWIS EL260.	
SW00015		09309	LIMITORQUE	MTD	M-78				1.4G HOR	2.6G HOR									5	
96 IN WIDE , 120 IN HIGH SQ BUTFLY VLV.LOC	MOTOR OPERATOR	BC058/37	H6BC/SMB3-80	262.	50-M78-20				.85G VERT	1.3G VERT									PT.9	
SERVICE WATER	VALVES	3SW-P300SA-1	ITT HAMMEL DAHL	VLV	435176 210	ASME SECT	A	B	1.5G HOR	3G HOR	X		S	SF	SD	>33 HZ	>33 HZ.	>33 HZ	NA	ANA WITH ACTUATOR SUPPORT COMP CODE SAP IV
SW00015		02175	ITT HAMMEL DAHL	MTD	M66H				1G	2G							TES			
CHIL COND SERVICE WTR INLET VLV 3SW-	BUTTERFLY 10	REPORT NO.3707	NH92K8002F IL219		50-M66-20	77ED WINTR 77ADD			VERT	VERT							15. 6HZ			
SERVICE WATER	VALVES	3SW-B300SA-1	ITT HAMMEL DAHL	VLV	435176 210	IEEE 344-75		B			X								NA	
SW00015		02176	ITT GENERAL CONTROL	MTD	M66H															
CHIL COND SERVICE WTR INLET VLV 3SW-	HYDRAMOTOR OPERATOR	REPORT NO 721.77095	NH92K8002F IL219		50-M66-20															

TAGS INCLUDED: 3SW-B25SA-1 ----3SW-B301SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SWOO15 SW FOR HVAC ESSENTIAL SER WATER CHILLER	VALVES BUTTERFLY 8	3SW-B301S A-1 0337U JHA-77-99 /28404-B	JAMESBURY CORP JAMESBURY CORPORATI 8226-EA	PIPE MTD	435082 045 M-44 50-M44 -20	ASME SECT III 77ED	A		1.5G HOR 1 G VEPT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOO15 SW FOR HVAC ESSENTIAL SER WATER CHILLER	VALVES BUTTERFLY 8	3SW-B302S A-1 06552 JHA-77-99 /28404-B	JAMESBURY CORP JAMESBURY CORPORATI 8226-EA	AB31 PIPE MTD 261.	435082 045 M-44 50-M44 -20	ASME SECT III 77ED	A	B	1.5G HOR 1G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOO15 FROM 3SW26-6SB -1 TO AUX BLDG HVAE CHILLER 1	VALVES BUTTERFLY 10	3SW-B303S B-1 06302 REPORT NO.3707	ITT HAMMEL DAHL ITT HAMMEL DAHL V673TGCU9X BC290F	AB31 PIPE MTD 261.	435176 210 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	ANA >33 HZ	TES 15. 6HZ ANA >33 HZ	ANA >33 HZ	NA	ANA WITH ACTUATOR SUPPRRT COMP CODE SAP IV
SERVICE WATER SWOO15 FROM 3SW26-6SB -1 TO AUX BLDG HVAC CHILLER 1	VALVES HYDRA-MOTOR OPERATOR	3SW-B303S B-1 11497 REPORT NO 721.77095	ITT HAMMEL DAHL ITT GENERAL CONTROL V673TGCU9X BC290F	AB31 PIPE MTD 261.	435176 210 M-66H 50-M66 H-20	IEEE 344-75					X								NA	
SERVICE WATER SWOO15 SW FOR HBAC ESSENTIAL SER WATER CHILLER	VALVES BUTTERFLY 8	3SW-B304S B-1 06556 JHA-77-99 /28404-B	JAMESBURY CORP JAMESBURY CORPORATI 8226-EA	AB31 PIPE MTD 261.	435082 045 M-44 50-M44 -20	ASME SECT III 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOO15 SW FOR HVAC ESSENTIAL SER WATER CHILLER	VALVES BUTTERFLY 8	3SW-B305S B-1 06558 JHA-77-99 /28404-B	JAMESBURY CORP JAMESBURY CORPORATI 8226-EA	AB31 PIPE MTD 261.	435082 045 M-44 50-M44 -20	ASME SECT III 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-B301SA-1 ----3SW-B4SB-1
SOPT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-B4SB-1	ALLIS-CHALMERS	IE31 FL079	435258 001	ASME SECT	A		.35G HOR	.67G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	ESWIS EL260'	
SW0015		06249	ALLIS-CHALMERS	MTD	M-78 50-M78	III			.60G HOR	1.05 GHOR									.5 PT.9	
96 IN WIDE , 120 IN HIGH SQR BUTFLY VLV LOC	BUTTERFLY 96	VER-0230 REV2	STEAM SEAL RECTANGULR	262.	-20				.60G VERT	.90G VERT										
SERVICE WATER	VALVES	3SW-B4SB-1	ALLIS-CHALMERS	IE31 VLV	435258 001	IEEE 344-	A	B	.70G HOR	1.1G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	ESWIS EL260.	
SW0015		09313	LIMITORQUE	MTD	M-78 50-M78	75			1.4G HOR	2.6G HOR									5 PT.9	R
POST ACC SAMPLE RETURN(GAS) CONEAM ISOLAT-	MOTOR OPERATOR	B0058/37	H6BC/SM83-80	262.	-20				.85G VERT	1.0G VERT										
SERVICE WATER	VALVES	3SW-B5SA-1	JAMESBURY CORP	TA11 PIPE	435082 003	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06266	JAMESBURY CORP	MTD	M-44 50-M44	III 77ED			1 G VERT	2 G VERT										
FROM NORM SW HDR TO HDR A	BUTTERFLY 30	JHA-77-99/28404	8229-MT	235.	-20															
SERVICE WATER	VALVES	3SW-B5SA-1	JAMESBURY CORP	TA11 VLV	435082 003	IEEE 344-	A		1.5G HOR	3 G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		09315	LIMITORQUE	MTD	M-44 50-M44	75			1 G VERT	2 G VERT										
FROM NORM SW HDR TO HDR A	MOTOR OPERATOR	B0058/37	SMB00-10-H28C	235.	-20															
SERVICE WATER	VALVES	3SW-B6SB-1	JAMESBURY CORP	TA11 PIPE	435082 003	ASME SECT	A		1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06267	JAMESBURY CORP	MTD	M-44 50-M44	III 77ED			1 G VERT	2 G VERT										
SW FROM SUPPLY HDR B TO TURB BLDG	BUTTERFLY 30	JHA-77-99/28404	8229-MT	235.	-20															
SERVICE WATER	VALVES	3SW-B6SB-1	JAMESBURY CORP	TA11 VLV	435082 003	IEEE 344-	A	B	1.5G HOR	3 G HOR	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		09317	LIMITORQUE	MTD	M-44 50-M44	75			1 G VERT	2 G VERT										
SW FROM SUPPLY HDR B TO TURB BLDG	MOTOR OPERATOR	B0058/37	SMB00-10-H28C	235.	-20															

TAGS INCLUDED: 3SW-B4SB-1 ----3SW-B64SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	T												
SERVICE WATER SW0015 FAIL CLOSED	VALVES BUTTERFLY 14	3SW-B64SA-1 06431 REPORT NO.2989	ITT HAMMEL DAHL ITT HAMMEL DAHL V672VGCU9W AC5AO	AB11 PIPE MTD 218.	435176 136 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
SERVICE WATER SW0015 SW RETURN FROM CONTMT FAN COOLER AH-2	VALVES SOLENOID VALVE	3SW-B64SA-1 09319 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175E	AB11 VLV MTD 218.	435176 136 M-66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW RETURN FROM CONTMT FAN COOLER AH-2	VALVES LIMIT SW ITCH	3SW-B64SA-1 09320 QTR-105	ITT HAMMEL DAHL NAMCO EA18C	AB11 VLV MTD 218.	435176 136 M-66H 50-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW RETURN FROM CONTMT FAN COOLER AH-2	VALVES LIMIT SW ITCH (2 OF 2)	3SW-B64SA-1 11870	NAMCO EA-18D-113 02	AB11 218.																
SERVICE WATER SW0015 SW RETURN FROM CONTAINMENT FAN COOLER AH-4	VALVES BUTTERFLY 14	3SW-B65SB-1 06432 REPORT NO.2989	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175E	AB11 VLV MTD 228.	435176 136 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
SERVICE WATER SW0015 FAIL CLOSED	VALVES SOLENOID VALVE	3SW-B65SB-1 09321 AQR067368	ITT HAMMEL DAHL ASCO NP832CA175E	AB11 VLV MTD 228.	435176 136 M-66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-B64SA-1 ----3SW-B65SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL.	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	CODES STDS.	TUS		ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
SERVICE WATER	VALVES	3SW-B65SB	ITT HAMMEL	AB11	435176	IEEE	A	C	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	DAHL	VLV	136	344-			HOR	HOR						HZ	HZ	HZ		
SWOG15		09322	NAMCO	MTD	M-66H	75			1 G	2 G										
FAIL CLOSED	LIMIT	QTR-105			50-966				VERT	VERT										
	SWITCH		EA-180	228.	H-20															
SERVICE WATER	VALVES	3SW-B65SB		AB11																
		-1																		
SWOO15		11868	NAMCO																	
FAIL CLOSED	LIMIT SW																			
	ITCH (2		EA-180-113	228.																
	OF 2)		02																	
SERVICE WATER	VALVES	3SW-B66SA	JAMESBURY	AB21	435092	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1	CORP	PIPE	029	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06304	JAMESBURY	MTD	M-44	III			1 G	2 G										R
SW FROM SUPPLY	BUTTERFL	JHA-77-99	CORPORATI		50-M44	77ED			VERT	VERT										
HDR A TO DIES	Y 8	/28404	8226-MA	236.	-20															
EL EEN #1 COOL																				
SERVICE WATER	VALVES	3SW-B67SA	JAMESBURY	AB21	435092	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1	CORP	PIPE	029	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06306	JAMESBURY	MTD	M-44	III			1 G	2 G										R
SW RETURN FROM	BUTTERFL	JHA-77-99	CORPORATI		50-M44	77ED			VERT	VERT										
DIESEL GEN #1	Y 8	/28404	8226-MA	236.	-20															
COOEING TO SW																				
SERVICE WATER	VALVES	3SW-B68SB	JAMESBURY	AB21	435092	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1	CORP	PIPE	029	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06372	JAMESBURY	MTD	M-44	III			1 G	2 G										R
FROM SW SUPPLY	BUTTERFL	JHA-77-99	CORPORATI		50-M44	77ED			VERT	VERT										
HDR B TO DIES	Y 8	/28404	8226-MA	236.	-20															
EL EEN 1B COOL																				
SERVICE WATER	VALVES	3SW-B69SB	JAMESBURY	AB21	435092	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1	CORP	PIPE	029	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06334	JAMESBURY	MTD	M-44	III			1 G	2 G										R
SW RETURN FROM	BUTTERFL	JHA-77-99	CORPORATI		50-M44	77ED			VERT	VERT										
DIESEL GEN 1B	Y 8	/28404	8226-MA	236.	-20															
COOEING TO RET																				

TAGS INCLUDED: 3SW-B65SB-1 ----3SW-B7SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- C 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 W/ LIMIT SWITC HES	VALVES BUTTERFLY 30	3SW-B7SA-1 06252 JHA-77-99 /28404	JAMESBURY CORP JAMESBURY CORP 8229-MT	IE31 PIPE MTD 246.	435082 002 M-44 50-M44 -20	ASME SECT III 77ED	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 W/ LIMIT SWITC HES	VALVES LIMIT SWITCH	3SW-B7SA-1 09324 QTR-105	JAMESBURY CORP NAMCO EA-180	IE31 VLV MTD 246.	435082 002 M-44 50-M44 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW FROM SW SUPPLY HDR A TO AUX EW PMP 1X-S	VALVES BUTTERFLY 8	3SW-B70SA-1 06343 JHA-77-99 /28404-A	JAMESBURY CORPORATI 8226-MA	AB21 PIPE MTD 247.	435082 030 M-44 50-M44 -20	ASME SECT III 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 SW FROM SW SUPPLY HDR A TO AUX EW PMP 1X-S	VALVES MOTOR OPERATOR	3SW-B70SA-1 09325 B0058/37	JAMESBURY CORP LIMITORQUE SMC-C4-2 -HOBC	AB21 VLV MTD 247.	435082 030 M-44 50-M44 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 SW FROM SW SUPPLY HDR A TO AUX EW PMP 1X-S	VALVES BUTTERFLY 8	3SW-B71SA-1 06344 JHA-77-99 /28404-A	JAMESBURY CORPORATI 8226-MA	AB21 PIPE MTD 247.	435082 030 M-44 50-M44 -20	ASME SECT III 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 SW FROM SW SUPPLY HDR A TO AUX EW PMP 1X-S	VALVES MOTOR OPERATOR	3SW-B71SA-1 09327 B0058/37	JAMESBURY CORP LIMITORQUE SMC-C4-2 -HOBC	AB21 VLV. MTD 247.	435082 030 M-44 50-M44 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-B7SA-1 ----3SW-B72SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
SERVICE WATER	VALVES	3SW-B72SB	JAMESBURY	AB21	435092	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1	CORP	PIPE	030	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06425	JAMESBURY	MTD	M-44	III			1 G	2 G										R
SW FROM SW SUP	BUTTERFL	JHA-77-99	CORPORATI		50-M44	77ED			VERT	VERT										
PLY HDR B TO A	Y 8	/28404-A	8226-MA	240.	-20															
UX EW PUMP 1X-																				
SERVICE WATER	VALVES	3SW-B72SB	JAMESBURY	AB21	435092	IEEE	A	B	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	CORP	PIPE	030	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		09329	LIMITORQUE	MTD	M-44	75			1 G	2 G										R
SW FROM SW SUP	MOTOR	B0058/37			50-M44				VERT	VERT										
PLY HDR B TO A	OPERATOR		8226-MA	240.	-20															
UX EW PUMP 1X-																				
SERVICE WATER	VALVES	3SW-B73SB	JAMESBURY	AB21	435092	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1	CORP	PIPE	030	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06426	JAMESBURY	MTD	M-44	III			1 G	2 G										R
SW FROM SW SUP	BUTTERFL	JHA-77-99	CORPORATI		50-M44	77ED			VERT	VERT										
PLY HDR B TO A	Y 8	/28404-A	8226-MA	240.	-20															
UX EW PUMP 1X-																				
SERVICE WATER	VALVES	3SW-B73SB	JAMESBURY	AB21	435092	IEEE	A	B	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	CORP	VLV	030	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		09331	LIMITORQUE	MTD	M-44	75			1 G	2 G										R
SW FROM SW SUP	MOTOR	B0058/37			50-M44				VERT	VERT										
PLY HDR B TO A	OPERATOR		SMC-04-2	240.	-20															
UX EW PUMP 1X-			-HOBC																	
SERVICE WATER	VALVES	3SW-B74SA	JAMESBURY	AB21	435092	ASME	A	C	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1	CORP	PIPE	027	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06297	JAMESBURY	MTD	M-44	III			1 G	2 G										
FROM 3SW10-68S	BUTTERFL	JHA-77-99	CORPORATI		50-M44	77ED			VERT	VERT										
A-1 TO AUX FW	Y 6	/28404-A	8226-MA	239.	-20															
PUMP 1A-SA SUC																				
SERVICE WATER	VALVES	3SW-B74SA	JAMESBURY	AB21	435092	IEEE	A	C	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
		-1	CORP	VLV	027	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		09333	LIMITORQUE	MTD	M-44	75			1 G	2 G										
FROM 3SW10-68S	MOTOR	B0058/37			50-M44				VERT	VERT										
A-1 TO AUX FW	OPERATOR		SMC-04-2	239.	-20															
PUMP 1A-SA SUC			-HOBC																	

TAGS INCLUDED: 3SW-B72SB-1 ----3SW-B75SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 FROM 3SW10-68S A-1 TO AUX FW PUMM 1A-SA SUC	VALVES BUTTERFLY 6	3SW-B75SA -1 06298 JHA-77-99 /284C4-A	JAMESBURY CORP JAMESBURY CORPORATI 8226-MA	AB21 PIPE MTD 238.	435082 027 M-44 50-M44 -20	ASME SECT III 77ED	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 M	VALVES MOTOR OPERATOR	3SW-B75SA -1 09335 BC058/37	JAMESBURY CORP LIMITORQUE SMC-C4-2 -HOBC	AB21 VLV MTD 238.	435082 027 M-44 50-M44 -20	IEEE 344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FROM 3SW10-74S B-1 TO AUX FW PUMM 1B-SB SUC	VALVES BUTTERFLY 6	3SW-B76SB -1 06295 JHA-77-99 /28404	JAMESBURY CORP JAMESBURY CORPORATI 8226-MA	AB21 PIPE MTD 238.	435082 027 M-44 50-M44 -20	ASME SECT III 77ED	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FROM 3SW10-74S B-1 TO AUX FW PUMM 1B-SB SUC	VALVES MOTOR OPERATOR	3SW-B76SB -1 09337 BC058/37	JAMESBURY CORP LIMITORQUE SMC-C4-2 -HOBC	AB21 VLV. MTD 238.	435082 027 M-44 50-M44 -20	IEEE 344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FROM 3SW10-74S B-1 TO AUX FW PUMM 1B-SB SUC	VALVES BUTTERFLY 6	3SW-B77SB -1 06296 JHA-77-99 /28404	JAMESBURY CORP JAMESBURY CORPORATI 8226-MA	AB21 PIPE MTD 238.	435082 027 M-44 50-M44 -20	ASME SECT III 77ED	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 M	VALVES MOTOR OPERATOR	3SW-B77SB -1 09339 BC058/37	JAMESBURY CORP LIMITORQUE SMC-C4-2 -HOBC	AB21 VLV. MTD 238.	435082 027 M-44 50-M44 -20	IEEE 344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-B75SA-1 ----3SW-B3SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 SW RETURN FROM AUX BLDG HDR B TM SW RETURN	VALVES BUTTERFLY 36	3SW-B85A-1 06310 JHA-77-99/28404	JAMESBURY CORP JAMESBURY CORPORATI 8229-MA	AB21 PIPE MTD 240.	435082 035 M-44 50-M44 -20	ASME SECT III 77ED	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW RETURN FROM AUX BLDG HDR B TO SW RETURN	VALVES MOTOR OPERATOR	3SW-B85A-1 09341 80058/37	JAMESBURY CORP LIMITORQUE SMC-04-2-H CBC	AB21 VLV MTD 240.	435082 035 M-44 50-M44 -20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FROM 3SW12-8SA-1 TO AUX BLDG HVAE CHILLER 1	VALVES BUTTERFLY 12	3SW-B82SA-1 06299 JHA-77-99/28404	JAMESBURY CORP JAMESBURY CORPORATI 8226-MA	AB31 PIPE MTD 261	435082 023 M-44 50-M44 -20	ASME SECT III 77ED	A	B	1.5G HOR 1G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FROM AUX BLDG HVAC CHILLER 1 A-SE TO RETURN	VALVES BUTTERFLY 12	3SW-B83SA-1 06300 JHA-77-99/28404-A	JAMESBURY CORP JAMESBURY CORPORATI 8226-MA	AB31 PIPE MTD 261	435082 023 M-44 50-M44 -20	ASME SECT III 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FROM 3SW26-6SB-1 TO AUX BLDG HVAE CHILLER 1	VALVES BUTTERFLY 12	3SW-B84SB-1 06301 JHA-77-99/28404-A	JAMESBURY CORP JAMESBURY CORPORATI 8226-MA	AB21 PIPE MTD 234.	435082 023 M-44 50-M44 -20	ASME SECT III 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FROM AUX BLDG HVAC CHILLER 1 B-SE TO RETURN	VALVES BUTTERFLY 12	3SW-B85SB-1 06303 JHA-77-99/28404-A	JAMESBURY CORP JAMESBURY CORPORATI 8226-MA	AB21 PIPE MTD 234.	435082 023 M-44 50-M44 -20	ASME SECT III 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-B85A-1 ----3SW-B86SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SERVICE WATER SW0015 SW FROM SW BOOSTER PUMP 1B-SB DESCH TO SW	VALVES BUTTERFLY 4	3SW-B86SB-1 06283 JHA-77-99/28404-A	JAMESBURY CORP JAMESBURY CORPORATI 8226-MA	AB21 PIPE MTD 235.	435082 1028 M-44 50-M44-20	ASME SECT III 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 SW FROM SW BOOSTER PUMP 1A-SA DESCH TO SW	VALVES BUTTERFLY 4	3SW-B87SA-1 06274 JHA-77-99/28404-A	JAMESBURY CORP JAMESBURY CORPORATI 8226-MA	AB21 PIPE MTD 235.	435082 1023 M-44 50-M44-20	ASME SECT III 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 W/ LIMIT SWITCHES	VALVES BUTTERFLY 30	3SW-B9SB-1 06260 JHA-77-99/28404-A	MILLER ENERGY IN JAMESBURY CORPORATI 8229-MT	IE31 PIPE MTD 244.	435082 1B9 M-44 50-M44-20	ASME SECT III 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 W/ LIMIT SWITCHES	VALVES LIMIT SWITCH	3SW-B9SB-1 09344 QTR-105	JAMESBURY CORP NAMCO EA180	IE31 VLV MTD 246.	435082 1002 M-44 50-M44-20	IEEE 344-75	A		1.5G HOR 1 G VER	3 G HOR 2 G VER	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FAIL OPEN	VALVES BALL 3	3SW-H2SA-1 06381 REPORT NO.3094	ITT HAMMEL DAHL ITT HAMMEL DAHL V630LGCU9V AL9	IE31 PIPE MTD 246.	435175 1149 M-66H 50-M66-H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 >HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
SERVICE WATER SW0015 SW SUPPLY HDR A STRAINER BACKWASH LINE	VALVES SOLENOID VALVE	3SW-H2SA-1 09345 AQR-67368	ITT HAMMEL DAHL ASCO NP832DA175E	IE31 VLV MTD 246.	435176 1149 M-66H 50-M66-H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-B86SB-1 ----3SW-H2SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1535
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER SW0015 SW SUPPLY HDR A STRAINER BACKWASH LINE	VALVES LIMIT SWITCH	3SW-H2SA-1 09346 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	IE31 VLV MTD 245.	435176 140 M-66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FAIL OPEN	VALVES BALL 3	3SW-H3SB-1 06360 REPORT NO.3094	ITT HAMMEL DAHL ITT HAMMEL DAHL V630LGCU9V AL9	IE31 PIPE MTD 245.	435176 140 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
SERVICE WATER SW0015 FAIL OPEN	VALVES SOLENOID VALVE	3SW-H3SB-1 09347 AQR-67368	ITT HAMMEL DAHL ASCO V630LGCU9V AL9	IE31 PIPE MTD 245.	435176 140 M-66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW SUPPLY HDR B STRAINER BACKWASH LINE	VALVES LIMIT SWITCH	3SW-H3SB-1 09348 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	IE31 VLV. MTD 245.	435176 140 M-66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 E SCREENING ST RUPTURE OUTLET TO SW PMP SUCT	VALVES METAL EXP J30	3SW-J1SA-1 06251 SR-8311-1	TEMP FLEX COMP TEMP FLEX COMP D-29065	PIPE MTD	435240 001 M-28 50-M28 -20	ASME SECT III 74 ED WINTR 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		10. 9 HZ	>33 HZ		NA	
SERVICE WATER SW0015 SW SUPPLY HDR A FROM SW PUMP S DISCH TO 3SW	VALVES METAL EXP J30	3SW-J2SA-1 06254 SR-8311-2	TEMP FLEX COMP TEMP FLEX COMP D-29066	PIPE MTD	435240 002 M-28 50-M28 -20	ASME SECT III 74 ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		10. 9 HZ	>33 HZ		NA	

TAGS INCLUDED: 3SW-H2SA-1 ----3SW-J3SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 SW SUPPLY HDR B FROM SW PUMP S DISCH TO 3SW	VALVES METAL EXP J30	3SW-J3SB-1 06262 SR-9311-2	TEMP FLEX COMP TEMP FLEX COMP D-29066	PIPE MTD	435240 002 M-28 50-M28 -20	ASME SECT III 74 ED WINTR 76ADD	A	B	1.5G HOR	3G HOR 2G VERT	X		S	NA		20 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 EMERG SW INTAK E SCREENING ST RUTURE OUTLET	VALVES METAL EXP J30	3SW-J4SB-1 06259 SR-8311-1	TEMP FLEX COMP TEMP FLEX COMP D-29065	PIPE MTD	435240 001 M-28 50-M28 -20	ASME SECT III 74 ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		10.9 HZ	>33 HZ		NA	
SERVICE WATER SW0015 SW SUPPLY HDR A FROM SW PUMP S DISCH TO 3SW	VALVES METAL EXP J30	3SW-J7SA-1 06255 SR-8311-2	TEMP FLEX COMP TEMP FLEX COMP D-29066	PIPE MTD	435240 002 M-28 50-M28 -20	ASME SECT III 74 ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		10.9 HZ	>33 HZ		NA	
SERVICE WATER SW0015 SW SUPPLY HDR B FROM SW PUMP S DISCH TO 3SW	VALVES METAL EXP J30	3SW-J8SB-1 06263 SR-8311-2	TEMP FLEX COMP TEMP FLEX COMP D-29066	PIPE MTD	435240 002 M-28 50-M28 -20	ASME SECT III 74 ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		10.9 HZ	>33 HZ		NA	
SERVICE WATER SW0015 CONDENSER WATE R FOR ESS SERV PUME DISCHARGE	VALVES RELIEF 3/4	3SW-R16SA-1 06574 TR#-3860	CROSBY GAU GE & VALVE CROSBY GAU GE & VALVE JMR-WR	AB31 PIPE MTD 261	435989 028 M-40 50-M40 -20	IEEE 344-1975 ASME SECT III	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 ESSENTIAL SER SW PIPE TO RELEEF VALVE	VALVES RELIEF 3/4	3SW-R17SB-1 06575 TR#-3860	CROSBY GAU GE & VALVE CROSBY GAU GE & VALVE JMR-WR	AB31 PIPE MTD 261	435989 028 M-40 50-M40 -20	IEEE 344-1975 ASME SECT III	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-J3SB-1 ----3SW-R32SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	VALVES	3SW-R32SA-1	CROSBY GAU		435089	IEEE	C				X								N/A	REPORT
			GE & VALVE	PIPE	1044	344-														EXPECT
SW0015		09833	CROSBY GAU	MTD	M-40	75														BY 9-84
INLET LINE TO	RELIEF		GE & VALVE		50-M40	ASME														
SAFETY RELIEF	1				-20	SECT														
VALVE						III														
SERVICE WATER	VALVES	3SW-R33SB-1	CROSBY GAU		435089	IEEE	C				X								N/A	REPORT
			GE & VALVE	PIPE	1044	344-														EXPECT
SW0015		09834	CROSBY GAU	MTD	M-40	75														BY 9-84
INLET LINE TO	RELIEF		GE & VALVE		50-M40	ASME														
SAFETY RELIEF	1				-20	SECT														
VALVE						III														
SERVICE WATER	VALVES	3SW-R5SB-1	CROSBY GAU	AB21	435089	IEEE	A	B	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
			GE & VALVE	PIPE	1008	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		06478	CROSBY GAU	MTD	M-40	1975			1 G	2 G										R
RELIEF VAL CON	RELIEF	TR#-3860	GE & VALVE		50-M40	ASME			VERT	VERT										
N AT CHARGE	3/4		JMR-WR	236	-20	SECT														
PUME LUBE OIL						III														
SERVICE WATER	VALVES	3SW-R6SB-1	CROSBY GAU	AB21	435089	IEEE	A	B	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
			GE & VALVE	PIPE	1008	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		06496	CROSBY GAU	MTD	M-40	1975			1 G	2 G										R
RELIEF VAL CON	RELIEF		GE & VALVE		50-M40	ASME			VERT	VERT										
N AT CHARGE	3/4	TR#-3860	JMR-WR	236	-20	SECT														
PUME LUBE OIL						III														
SERVICE WATER	VALVES	3SW-R7SB-1	CROSBY GAU	AB21	435089	IEEE	A	B	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
			GE & VALVE	PIPE	1008	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		06479	CROSBY GAU	MTD	M-40	1975			1 G	2 G										R
RELIEF VAL CON	RELIEF	TR#-3860	GE & VALVE		50-M40	ASME			VERT	VERT										
N AT CHARGE	3/4		JMB-WR	236	-20	SECT														
PUME LUBE OIL						III														
SERVICE WATER	VALVES	3SW-R8SA-1	CROSBY GAU	AB21	435089	IEEE	A	B	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
			GE & VALVE	PIPE	1008	344-			HOR	HOR						HZ	HZ	HZ		
SW0015		06476	CROSBY GAU	MTD	M-40	1975			1 G	2 G										R
RELIEF VAL CON	RELIEF	TR#-3860	GE & VALVE		50-M40	ASME			VERT	VERT										
N AT CCW HX	3/4		JMB-WR	236	-20	SECT														
1A-EA SW SUPPL						III														

TAGS INCLUDED: 3SW-R32SA-1 ----3SW-R9SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-R9SB-1	CROSBY GAU	A621	435089	IEEE	A	B	1.5G	3 G	X		NA	SF	SD	>33	>33	>33	NA	
SW0015		06477	GE & VALVE	PIPE	008	344-			HOR	HOR						HZ	HZ	HZ		
RELIEF VAL CON	RELIEF	TR#-3860	CROSBY GAU	MTD	M-40	1975			1 G	2 G										R
N AT CCW HX	3/4		GE & VALVE		50-M40	ASME			VERT	VERT										
1B-EB SW SUPPL			JMB-WR	236	-20	SECT														
						III														
SERVICE WATER	VALVES	3SW-S21SA-1	R P ADAMS	ESWI	435037	ASME	A	B	.15G	.28G	X		D	N/A		26.	26.	26.	ESWIS-	
		06256	COMPANY	FLOOR	001	SECT			HOR	HOR						2	2	2	EL245.	
SW0015			R P ADAMS	MTD	M-59	III			.20G	.32G						HZ	HZ	HZ	5 PT11	
SW SUPPLY HDR	STRAINER	REP.#7801	COMPANY		50-M59	74 ED			HOR	HOR										
A FROM SW PUMP	30		30"HDWS-80	236.	-20	SUMM			.15G	.28G										
S DISCH TO 3SW						74ADD			VERT	VERT										
SERVICE WATER	VALVES	3SW-S22SB-1	R P ADAMS	ESWI	435037	ASME	A	B	.15G	.28G	X		D	N/A		26.	26.	26.	ESWIS-	
		06264	COMPANY	FLOOR	001	SECT			HOR	HOR						2	2	2	EL245.	
SW0015			R P ADAMS	MTD	M-59	III			.20G	.32G						HZ	HZ	HZ	5 PT11	
SW SUPPLY HDR	STRAINER	RPT.7801	COMPANY		50-M59	74 ED			HOR	HOR										
B FROM SW PUMP	30		30"HDWS-80	236.	-20	SUMM			.15G	.28G										
S DISCH TO 3SW						74ADD			VERT	VERT										
SERVICE WATER	VALVES	3SW-U1SA-1	VICKERS-SIMMS	AB11	435234	ASME	A		1.5G	3G	X		S	NA		>33	>33	>33	NA	QUALIFIED
		06277	VICKERS-	PIPE	004	SECT			HOR	HOR						HZ	HZ	HZ		AS PART
SW0015			SIMMS	MTD	M-09V	III			1G	2G										OF PIPING
SW RETURN FROM	RESTR OR	SQ-N1195	MK-52		50-M09	74ED			VERT	VERT										SYSTEM
CONTMT FAN CO	FIC14			214.	V-20	WINTR														
OLERS TO SW RE						76ADD														
SERVICE WATER	VALVES	3SW-U2SB-1	VICKERS-SIMMS	AB11	435234	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	QUALIFIED
		06286	VICKERS-	PIPE	004	SECT			HOR	HOR						HZ	HZ	HZ		AS PART
SW0015			SIMMS	MTD	M-09V	III			1G	2G										OF PIPING
SW RETURN FROM	PESTR	SQ-N1195	MK-52		50-M09	74ED			VERT	VERT										SYSTEM
CONTMT FAN CO	ORFIC14			216.	V-20	WINTR														
OLERS TO SW RE						76ADD														
SERVICE WATER	VALVES	3SW-U3SA-1	VICKERS-SIMMS	AB21	435234	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	QUALIFIED
		06275	VICKERS-	PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		AS PART
SW0015			SIMMS	MTD	M-09V	III			1G	2G										OF PRPING
SW FROM SW BOO	RESTR	SQ-N1195	MK-52		50-M09	74ED			VERT	VERT										SYSTEM
STER PUMP 1A-S	ORFIC 4			236.	V-20	WINTR														
A DESCH TO SW						76ADD														

TAGS INCLUDED: 3SW-R9SB-1 ----3SW-U4SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER SW0015 SW FROM SW BOOSTER PUMP 1B-SB DESCH TO SW	VALVES RESTRORFIC 4	3SW-U4SB-1 06284 SQ-N1195	VICKERS-SIMMS VICKERS-SIMMS MK-52	AB21 PIPE MTD 236.	435234 005 M-39V 50-M09 V-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	QUALIFIED AS PART OF PRPING SYSTEM
SERVICE WATER SW0015 DRN ON LINE 3SW14-343SA	VALVES GLOBE 1	3SW-V1SA-1 06468 952677-02	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3 G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SWSW INLET TO ESW PUMP 1A-SA CYCLONE SEPARA	VALVES CHECK 3/4	3SW-V1U12 SA-1 12384	ROCKWELL INTERNATI		435057 XX M-34R															
SERVICE WATER SWSW INLET TO ESW PUMP 1B-SB CYCLONE SEPARA	VALVES CHECK 3/4	3SW-V1U13 SB-1 12385	ROCKWELL INTERNATI		435057 XX M-34R															
SERVICE WATER SWSW LO PT DRAIN ON LINE 3SW - 1567SA	VALVES GLOBE 3/4	3SW-V1U16 SA-1 12386	YARWAY		435056 01 M-34Y															
SERVICE WATER SWSW LO PT DRAIN ON LINE 3SW - 3SW 1 1/2 1568	VALVES GLOBE 3/4	3SW-V1U17 SB-1 12387	YARWAY		435056 01 M-34Y															

TAGS INCLUDED: 3SW-U4SB-1 ----3SW-V1U18SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SQRT #		Q I												
SERVICE WATER	VALVES	3SW-V1018			435056														
		SB-1			01														
SWSW		12388	YARWAY		M-34Y														
HI PT VENT ON	GLOBE																		
LINE 3SW1-1570	3/4																		
SA																			
SERVICE WATER	VALVES	3SW-V1019			435056														
		SB-1			01														
SWSW		12389	YARWAY		M-34Y														
HI PT VENT ON	GLOBE																		
LINE 3SW1-1571	3/4																		
SB																			
SERVICE WATER	VALVES	3SW-V1020			435056														
		SN-1			01														
SWSW		12392	YARWAY		M-34Y														
HI PT VENT ON	GLOBE																		
LINE 3SW1-1569	3/4																		
SN																			
SERVICE WATER	VALVES	3SW-V1027			435056														
		SA-1			XX														
SWSW		12408	YARWAY		M-34Y														
SW RETURN FROM	GLOBE																		
POST ACC SAMP	2																		
CHILLER TO TRA																			
SERVICE WATER	VALVES	3SW-V1028			435056														
		SB-1			XX														
SWSW		12409	YARWAY		M-34Y														
SW RETURN FROM	GLOBE																		
POST ACC SAMP	2																		
CHILLER TO TRA																			
SERVICE WATER	VALVES	3SW-V1029			435056														
		SA-1			XX														
SWSW		12410	YARWAY		M-34Y														
SW SUPPLY FROM	GLOBE																		
TRAIN A TO --	2																		
POST ACC SAMP																			

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITY	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #															
SERVICE WATER	VALVES	3SW-V1030			435056															
		SB-1			XX															
SWSW		12411	YARWAY		M-34Y															
SW SUPPLY FROM	GLOBE																			
TRAIN B TO --	2																			
POST ACC SAMP																				
SERVICE WATER	VALVES	3SW-V104S	YARWAY	AB11	435056	ASME	A		1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	306	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06322	YARWAY	MTD	M-34Y	III			1G	2G										
FT CONN AT CON	GLOBE	952677-02			50-M34	74ED			VERT	VER										
TMT FAN COOLER	1		5515B-SA	216.	Y-20	WINTR														
AH-4 SW RETURN			105			76ADD														
SERVICE WATER	VALVES	3SW-V108S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	306	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06356	YARWAY	MTD	M-34Y	III			1G	2G										R
PI CONNEC AT S	GLOBE	952677-02			50-M34	74ED			VERT	VER										
W BOOSTER PUMP	1		5515B-SA	236.	Y-20	WINTR														
1A-EA DISCH			105			76ADD														
SERVICE WATER	VALVES	3SW-V109S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		A-1		PIPE	306	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06326	YARWAY	MTD	M-34Y	III			1G	2G										R
CCW HEAT EXCH	GLOBE	952677-01			50-M34	74ED			VERT	VER										
1A-SA DRAIN LI	3/4		5515B-SA	236.	Y-20	WINTR														
NE E			105			76ADD														
SERVICE WATER	VALVES	3SW-V112S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	306	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06354	YARWAY	MTD	M-34Y	III			1G	2G										R
PX CONNEC AT C	GLOBE	952677-02			50-M34	74ED			VERT	VER										
C WATER HEAT E	1		5515B-SA	236.	Y-20	WINTR														
XCHE1B-SB SW S			105			76ADD														
SERVICE WATER	VALVES	3SW-V113S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	306	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06355	YARWAY	MTD	M-34Y	III			1G	2G										R
PX CONNEC AT C	GLOBE	952677-02			50-M34	74ED			VERT	VER										
C WATER HEAT E	1		5515B-SA	236.	Y-20	WINTR														
XCHE1B-SB SW R			105			76ADD														

TAGS INCLUDED: 3SW-V103SB-1 ----3SW-V115SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	CODES STDS	TUS Q	I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	VALVES	3SW-V115S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06357	YARWAY	MTD	M-34Y	III			1G	2G										R
PI CONNEC AT S	GLOBE	952677-02			50-M34	74ED			VERT	VER										
W BOOSTER PUMP	1		5515B-SA	236.	Y-20	WINTR														
1B-EB DISCH			105			76ADD														
SERVICE WATER	VALVES	3SW-V116S	YARWAY	AB11	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06323	YARWAY	MTD	M-34Y	III			1G	2G										
FT CONN AT CON	GLOBE	952677-02			50-M34	74ED			VERT	VER										
TMT FAN COOLER	1		5515B-SA	216.	Y-20	WINTR														
AH-4 SW RETURN			105			76ADD														
SERVICE WATER	VALVES	3SW-V117S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06329	YARWAY	MTD	M-34Y	III			1G	2G										R
CCW HEAT EXCH	GLOBE	952677-01			50-M34	74ED			VERT	VER										
1B-SB DRAIN LI	3/4		5515B-SA	236.	Y-20	WINTR														
NE E			105			76ADD														
SERVICE WATER	VALVES	3SW-V13SA	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06345	YARWAY	MTD	M-34Y	III			1G	2G										R
PX CONNEC AT C	GLOBE	952677-02			50-M34	74ED			VERT	VER										
C WATER HEAT E	1		5515B-SA	236.	Y-20	WINTR														
XCHE1A-SA SW S			105			76ADD														
SERVICE WATER	VALVES	3SW-V14SA	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06353	YARWAY	MTD	M-34Y	III			1 G	2 G										R
PX CONNEC AT C	GLOBE	952677-02			50-M34	74ED			VERT	VER										
C WATER HEAT E	1		5515B-SA	236.	Y-20	WINTR														
XCHE1A-SA SW R			105			76ADD														
SERVICE WATER	VALVES	3SW-V155S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		P-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06398	YARWAY	MTD	M-34Y	III			1 G	2 G										R
PT CONN AT S.W	GLOBE	952677-02			50-M34	74ED			VERT	VER										
. BOOSTER PUMP	1		5515B-SA	236.	Y-20	WINTR														
DISEH B			105			76ADD														

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES / STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE WATER	VALVES	3SW-V162S	YARWAY	A811	4350356	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06469	YARWAY	MTD	M-34Y	III			1 G	2 G										
DRN ON LINE 3S	GLOBE	952677-02			50-M34	74ED			VERT	VER										
W14-345SB	1		5515B-SA	216.	Y-20	WINTR														
N			105			76ADD														
SERVICE WATER	VALVES	3SW-V19SA	YARWAY	A811	4350356	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06316	YARWAY	MTD	M-34Y	III			1 G	2 G										
FT CONN AT CON	GLOBE	952677-02			50-M34	74ED			VERT	VER										
TMT FAN COOLER	1		5515B-SA	216.	Y-20	WINTR														
AH-3 SW RETURN			105			76ADD														
SERVICE WATER	VALVES	3SW-V2SA-	YARWAY	A811	4350356	ASME	A		1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06313	YARWAY	MTD	M-34Y	III			1 G	2 G										
PI CONN ON EME	GLOBE	952677-02			50-M34	74ED			VERT	VER										
RG SW PUMPS	1		5515B-SA	216.	Y-20	WINTR														
			105			76ADD														
SERVICE WATER	VALVES	3SW-V20SA	YARWAY	A811	4350356	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06317	YARWAY	MTD	M-34Y	III			1 G	2 G										
FT CONN AT CON	GLOBE	952677-02			50-M34	74ED			VERT	VER										
TMT FAN COOLER	1		5515B-SA	216.	Y-20	WINTR														
AH-3 SW RETURN			105			76ADD														
SERVICE WATER	VALVES	3SW-V20SS	YARWAY	AB21	4350356	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06385	YARWAY	MTD	M-34Y	III			1 G	2 G										R
FD CONN AT BOO	GLOBE	952677-02			50-M34	74ED			VERT	VER										
STER PUMP	1		5515B-SA	236.	Y-20	WINTR														
1B-EB SW RETUR			105			76ADD														
SERVICE WATER	VALVES	3SW-V21SA	YARWAY	A811	4350356	ASME	A		1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06470	YARWAY	MTD	M-34Y	III			1 G	2 G										
DRN ON LINE 3S	GLOBE	952677-02			50-M34	74ED			VERT	VER										
W10-31SA	1		5515B-SA	216.	Y-20	WINTR														
			105			76ADD														

TAGS INCLUDED: 3SW-V162SB-1 ----3SW-V210SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQFT #		O	I												
SERVICE WATER	VALVES	3SW-V210S	YARWAY	AB11	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		P-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06387	YARWAY	MTD	M-34Y	III			1 G	2 G										
PURCH WITH UNI	GLOBE	952677-02			50-M34	74ED			VERT	VER										
T 1,2	1		5515B-SA	216.	Y-20	WINTR														
			105			76ADD														
SERVICE WATER	VALVES	3SW-V211S	YARWAY	AB11	435056	ASME	A		1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		P-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06388	YARWAY	MTD	M-34Y	III			1 G	2 G										
DRN ON LINE 3S	GLOBE	952677-02			50-M34	74ED			VERT	VER										
W30-146SB	1		5515B-SA	216.	Y-20	WINTR														
			105			76ADD														
SERVICE WATER	VALVES	3SW-V212S	YARWAY	AB11	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06380	YARWAY	MTD	M-34Y	III			1 G	2 G										
FD CONN TO 3SW	GLOBE	952677-02			50-M44	74ED			VERT	VER										
30-6SB-1	1		5515B-SA	216.	-20	WINTR														
			105			76ADD														
SERVICE WATER	VALVES	3SW-V213S	YARWAY	AB11	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06384	YARWAY	MTD	M-34Y	III			1 G	2 G										
FD CONN TO 3SW	GLOBE	952677-02			50-M34	74ED			VERT	VER										
20-8SA-1	1		5515B-SA	216.	Y-20	WINTR														
			105			76ADD														
SERVICE WATER	VALVES	3SW-V214S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06386	YARWAY	MTD	M-34Y	III			1 G	2 G										R
DRN ON LINE 3S	GLOBE	952677-02			50-M34	74ED			VERT	VER										
W14-45SB	1		5515B-SA	236.	Y-20	WINTR														
E			105			76ADD														
SERVICE WATER	VALVES	3SW-V216S	YARWAY	AB11	435056	ASME	A		1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		P-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06389	YARWAY	MTD	M-34Y	III			1 G	2 G										
FD-AUX BLDG HV	GLOBE	952677-02			50-M34	74ED			VERT	VER										
AC CHILLER	1		5515B-SA	216.	Y-20	WINTR														
WC-2 18-SB OUT			105			76ADD														

TAGS INCLUDED: 3SW-V210SB-1 ----3SW-V22SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 DRN ON LINE 3S W10-33SA	VALVES GLOBE 1	3SW-V22SA -1 06471 952677-02	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 PT CONNEC AT S W SUPPLY HDR A E	VALVES GLOBE 1	3SW-V223S A-1 06348 952677-02	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 PT CONN OFF SW HDR 3SW30-6SB	VALVES GLOBE 1	3SW-V224S B-1 06393 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 DRN ON SW BOOS TER PUMP 1A-SA SUCEION	VALVES GLOBE 1	3SW-V225S A-1 06390 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 234.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 DRN ON LINE 3S W10-52SB	VALVES GLOBE 1	3SW-V23SB -1 06472 952677-02	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 PX CONN AT SW BOOSTER PUMP 1B-EB STRAINER	VALVES GLOBE 1	3SW-V230S B-1 06475 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 235.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-V22SA-1 ----3SW-V235SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA ORE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-V235S A-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A		1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06346	YARWAY	MTD	M-34Y	III			1 G	2 G										
PS CONNEC AT S	GLOBE	952677-02			50-M34	74ED			VERT	VER										
W SUPPLY HDR A	1		5515B-SA 105	236.	Y-20	WINTR 76ADD														
SERVICE WATER	VALVES	3SW-V236S B-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A		1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06347	YARWAY	MTD	M-34Y	III			1 G	2 G										
PS CONNEC AT S	GLOBE	952677-02			50-M34	74ED			VERT	VER										
W SUPPLY HDR B	1		5515B-SA 105	236.	Y-20	WINTR 76ADD														
SERVICE WATER	VALVES	3SW-V237S A-1	ANCHOR DARLING V	AB21 PIPE	435013 009	ASME SECT	A	B	1.5G HOR	3.0G HOR	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06308	ANCHOR	MTD	M-33A	III			1 G	2G										R
FAIL CLOSED	GATE	SOE5796	DARLING V		50-M33	71ED			VER	VER										
	4		4"150#,P	236.	A-20	SUM														
PREE. TAGGED A						72ADD														
SERVICE WATER	VALVES	3SW-V237S A-1	ANCHOR DARLING V	AB21 VLV	435013 009	IEEE 344-	D	B			X									
SW0015		09349	PARKER	MTD	M-33A	75														R
FAIL CLOSED	SOLENOID		HANNIFIN		50-M33															
	VALVE		H202-NC50	236.	A-20															
PREE. TAGGED A																				
SERVICE WATER	VALVES	3SW-V237S A-1	ANCHOR DARLING V	AB21 VLV	435013 009	IEEE 344-	D				X									
SW0015		09350	NAMCO	MTD	M-33A	75														
SW FROM SUPPLY	LIMIT				50-M33															
HDR A TO CVCS	SWITCH		D2400X-2	236.	A-20															
CHILLER SW SUP			& 2SR																	
SERVICE WATER	VALVES	3SW-V238S B-1	ANCHOR DARLING V	AB21 VLV	435013 009	ASME SECT	A	B	1.5G HOR	3.0G HOR	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06309	ANCHOR	MTD	M-33A	III			1 G	2G										R
SW FROM SUPPLY	GATE	SOE5796	DARLING V		50-M33	71ED			VER	VER										
HDR B TO CVCS	4		4",150#,P	236.	A-20	SUM														
CHIELER SW SUP						72ADD														

TAGS INCLUDED: 3SW-V235SA-1 ----3SW-V238SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-V238S	ANCHOR	AB21	435013	IEEE	D	B			X									
		B-1	DARLING V	VLV	009	344-														
SW0015		09351	PARKER	MTD	M-33A	75														R
FAIL CLOSED	SOLENOID		HANNIFIN		50-M33															
	VALVE		H202-NC50	236.	A-20															
PREE. TAGGED A																				
SERVICE WATEP	VALVES	3SW-V238S	ANCHOR	AB21	435013	IEEE	D	C			X									
		B-1	DARLING V	VLV	009	344-														
SW0015		09352	NAMCO	MTD	M-33A	75														
FAIL CLOSED	LIMIT				50-M33															
	SWITCH		4",150#,P	236.	A-20															
PREM. TAGGED A																				
SERVICE WATER	VALVES	3SW-V239S	YARWAY	AB11	435056	ASME	A	C	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06318	YARWAY	MTD	M-34Y	III			1 G	2 G										
FT CONN AT CON	GLOBE	952677-02			50-M34	74ED			VERT	VER										
TMT FAN COOLER	1		5515B-SA	216.	Y-20	WINTR														
AH-1 SW RETURN			105			76ADD														
SERVICE WATER	VALVES	3SW-V240S	YARWAY	AB11	435056	ASME	A	C	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06319	YARWAY	MTD	M-34Y	III			1 G	2 G										
FT CONN AT CON	GLOBE	952677-02			50-M34	74ED			VERT	VER										
TMT FAN COOLER	1		5515B-SA	216.	Y-20	WINTR														
AH-1 SW RETURN			105			76ADD														
SERVICE WATER	VALVES	3SW-V241S	YARWAY	AB11	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06320	YARWAY	MTD	M-34Y	III			1 G	2 G										
FT CONN AT CON	GLOBE	952677-02			50-M34	74ED			VERT	VER										
TMT FAN COOLER	1		5515B-SA	216.	Y-20	WINTR														
AH-2 SW RETURN			105			76ADD														
SERVICE WATER	VALVES	3SW-V242S	YARWAY	AB11	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06321	YARWAY	MTD	M-34Y	III			1 G	2 G										
FT CONN AT CON	GLOBE	952677-02			50-M34	74ED			VERT	VER										
TMT FAN COOLER	1		5515B-SA	216.	Y-20	WINTR														
AH-2 SW RETURN			105			76ADD														

TAGS INCLUDED: 3SW-V238SB-1 ----3SW-V243SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITY / SPEC / SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE WATER SW0015 FT CONN. AT SW SUPPLY HDR. A	VALVES GLOBE 1	3SW-V243S A-1 06349 952677-02	YARWAY YARWAY 5515B-SA 105	TA11 PIPE MTD 236.	435056 206 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FT CONN. AT SW SUPPLY HDR. A	VALVES GLOBE 1	3SW-V244S A-1 06350 952677-02	YARWAY YARWAY 5515B-SA 105	TA11 PIPE MTD 236.	435056 206 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FT CONN. AT SW SUPPLY HDR B	VALVES GLOBE 1	3SW-V245S B-1 06351 952677-02	YARWAY YARWAY 5515B-SA 105	TA11 PIPE MTD 236.	435056 206 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FT CONN. AT SW SUPPLY HDR B	VALVES GLOBE 1	3SW-V246S B-1 06352 952677-02	YARWAY YARWAY 5515B-SA 105	TA11 PIPE MTD 236.	435056 206 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FT CONN. AT S. W.BOOSTER PUMP DISEH. A	VALVES GLOBE 1	3SW-V249S A-1 06399 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 206 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 DRN ON LINE 3S W10-57SB	VALVES GLOBE 1	3SW-V25SB -1 06473 952677-02	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216.	435056 206 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-V243SA-1 ----3SW-V250SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 FT CONN. AT S. W.BOOSTER PUMP DISCH. A	VALVES GLOBE 1	3SW-V250S A-1 06400 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 PT CONN AT S.G .F PUMP 1B-SB DISCH. A	VALVES GLOBE 1	3SW-V251S B-1 06401 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 PT CONN AT S.G .F PUMP 1B-SB DISCH. A	VALVES GLOBE 1	3SW-V252S B-1 06402 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 PT CONN. AT S. W. BOOSTER PUM P DISCH. A	VALVES GLOBE 1	3SW-V253S A-1 06397 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 PX CONN AT SW BOOSTER PUMP 1A-EA STRAINER	VALVES GLOBE 1	3SW-V254S A-1 06403 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CHRG PMP COOLE R 1C-SAB TO RETERN HDRA	VALVES GLOBE 1	3SW-V259S A-1 06406 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-V250SA-1 ----3SW-V26SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SERVICE WATER	VALVES	3SW-V26SB -1	YARWAY	AB11 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06474	YARWAY	MTD	M-34Y	III			1 G	2 G										
DRN ON LINE 3S	GLOBE	952677-02			50-M34	74ED			VERT	VER										
W14-47SB	1		5515B-SA 105	216.	Y-20	WINTR 76ADD														
SERVICE WATER	VALVES	3SW-V26DS B-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06464	YARWAY	MTD	M-34Y	III			1 G	2 G										R
CHARG PMP COOL	GLOBE	952677-02			50-M34	74ED			VERT	VER										
ER 1C TO RETUR	1		5515B-SA	236.	Y-20	WINTR														
N HER B			105			76ADD														
SERVICE WATER	VALVES	3SW-V265S A-1	YARWAY	AB11 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06392	YARWAY	MTD	M-34Y	III			1 G	2 G										
DRN ON LINE 3S	GLOBE	952677-02			50-M34	74ED			VERT	VER										
W8-87SA	1		5515B-SA 105	216.	Y-20	WINTR 76ADD														
SERVICE WATER	VALVES	3SW-V266S A-1	ANCHOR DARLING V	AB21 PIPE	435013 005	ASME SECT	A	B	1.5G HOR	3.0G HOR	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06421	ANCHOR DARLING V	MTD	M-33A	III			1 G	2G										R
FAIL CLOSED	GATE	SOE5796			50-M33	71ED			VERT	VER										
	4		4",150#,CS	237.	A-20	SUM														
FAIECLOSED UNI			,P			72ADD														
SERVICE WATER	VALVES	3SW-V266S A-1	ANCHOR DARLING V	AB21 VLV	435013 005	IEEE 344-	D	B			X									
SW0015		09353	PARKER	MTD	M-33A	75														R
SW FROM CVCS C	SOLENOID	REF	HANNIFIN		50-M33															
HILLER 1A-NNS	VALVE	SOE5796	H202-NC-50	237.	A-20															
E																				
SERVICE WATER	VALVES	3SW-V266S A-1	ANCHOR DARLING V	AB21 VLV	435013 005	IEEE 344-	D	B	1.5G HOR	3.0G HOR	X									
SW0015		09354	NAMCO	MTD	M-33A	75			1 G	2G										R
SW FROM CVCS	LIMIT				50-M33				VERT	VER										
CHILLER 1A-NNS	SWITCH		D2400X-2 R 2SR	237.	A-20															
E																				

TAGS INCLUDED: 3SW-V26SB-1 ----3SW-V267SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SWGC15 SW FROM CVCS C HILLER 1A-NNS E	VALVES GATE 4	3SW-V267S B-1 06422 SGE5796	ANCHOR DARLING V ANCHOR DARLING V 4",150#,P	AB21 PIPE MTD 237.	435013 005 M-33A 50-M33 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VERT	3.0G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FAIL CLOSED UNIT E	VALVES SOLENOID VALVE	3SW-V267S B-1 09355	ANCHOR DARLING A PARKER-HANNIFIN H202-NC50	AB21 VLV MTD 237.	435013 005 M-33A 50-M33 A-20	IEEE 344-75	D	B			X									R
SERVICE WATER SW0C15 SW FROM CVCS C HILLER 1A-NNS E	VALVES LIMIT SWITCH	3SW-V267S B-1 09356	ANCHOR DARLING V NAMCO D240CX-2-2SR	AB21 VLV MTD 237.	435013 005 M-33A 50-M33 A-20	IEEE 344-75	D	B			X									R
SERVICE WATER SW0015 DRN ON LINE 3SW8-165SB	VALVES GLOBE 1	3SW-V268S B-1 06391 952677-02	YARWAY YARWAY 5515B-SA105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0C15 DRN ON LINE 3S W8-165SB E	VALVES GLOBE 1	3SW-V268S B-1 11338 952677-02	YAWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 DRN ON LINE 3S W8-122SB-1 E	VALVES GLOBE 1	3SW-V270S B-1 06314 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-V267SB-1 ----3SW-V272SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER SWOC15 DRN ON LINE 3S W36-316SN	VALVES GLOBE 1	3SW-V272S N-1 06486 952677-02	YARWAY YARWAY 5515B-SA 105	TA11 PIPE MTD 236.	435056 306 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SWOO15 PI CONNEC AT S W SUPPLY HDR A	VALVES GLOBE 1	3SW-V31SA -1 06366 952677-02	YARWAY YARWAY 5515B-SA 105	TA11 PIPE MTD 236.	435056 306 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SWOO15 SW SUPPLY TO S CREEN WASH PUM P	VALVES GATE 4	3SW-V311S A-1 06428 FA-5479	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	IE31 PIPE 261.	435022 303 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PACIFIC VALVE PROGRAM PVSAP
SERVICE WATER SWOO15 SW SUPPLY TO S CREEN WASH PUM P	VALVES GATE 4	3SW-V312S B-1 06430 FA-5479	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	IE31 PIPE MTD 261.	435022 303 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A	B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN G PACIFIC VALVE PROGRAM PVSAP
SERVICE WATER SWOO15 PS CONNEC AT S W SUPPLY HDR A N	VALVES GLOBE 1	3SW-V32SA -1 06367 952677-02	YARWAY YARWAY 5515B-SA 105	TA11 PIPE MTD 236	435056 306 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SWOO15 PI CONNEC AT S W SUPPLY HDR B	VALVES GLOBE 1	3SW-V33SB -1 06368 952677-02	YARWAY YARWAY 5515B-SA 105	TA11 PIPE MTD 236.	435056 306 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-V272SN-1 ----3SW-V34SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER SW0015 PS CONNEC AT S W SUPPLY HDR B N	VALVES GLOBE 1	3SW-V34SB -1 06369 952677-02	YARWAY YARWAY 5515B-SA 105	TA11 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20 1	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 ASGF PUMP SUPP LY HDR LEAK OF F	VALVES GLOBE 1	3SW-V363S A-1 06433 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 ASGF PUMP SUPP LY HDR LEAK OF F	VALVES GLOBE 1	3SW-V364S A-1 06434 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 ASGF PUMP SUPP LY HDR LEAK OF F	VALVES GLOBE 1	3SW-V365S B-1 06435 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 ASGF PUMP SUPP LY HDR LEAK OF F	VALVES GLOBE 1	3SW-V366S B-1 06436 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 SW SUPPLY HDR A FROM SW PUMP S DISCH TO 3SW	VALVES CHECK WAFER 30	3SW-V367S A-1 06257 REPORT NO. ONE	TRW MISSION TRW MISSION K15SPF-T04	ESWI PIPE MTD 249.	435139 009 Y-20 50-M70 1-20	ASME SECT III 74ED	A	B	1.5G HOR 1 G VERT	3G HOR 2G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-V34SB-1 ----3SW-V368SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
SERVICE WATER SW0015 SW SUPPLY HDR B FROM SW PUMP S DISCH TO 3SW	VALVES CHECK WAFER 30	3SW-V368S B-1 06265 REPORT NO. ONE	TRW MISSION TRW MISSION K15SPF-T04	ESWI PIPE MTD 249.	435139 1009 M-70 50-M70 -20	ASME SECT III 74ED	A	B	1.5G HOR 1 G VERT	3G HOR 2G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 NSW PUMP 1A-NN S DISCH TO HDR 3SW30-3SA-1	VALVES CHECK WAFER 36	3SW-V369S N-1 06420 MVP-28290	TRW MISSION TRW MISSION G15SPF-T04	TA11 PIPE MTD 236.	435139 1024 M-70 50-M70 -20	ASME SECT III 74ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 PS CONNEC AT S W BOOSTER PUMP 1A-SA DISCH	VALVES GLOBE 1	3SW-V37SA -1 06370 952677-02	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 214.	435056 1006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 PS CONNEC AT S W BOOSTER PUMP 1B-SB DISCH	VALVES GLOBE 1	3SW-V38SB -1 06371 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 1006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 CCW HEAT EXCH 1A-SA DRAIN LI NE E	VALVES GLOBE 3/4	3SW-V386S A-1 06443 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 1005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CCW HEAT EXCH 1A-SA DRAIN LI NE E	VALVES GLOBE 3/4	3SW-V387S A-1 06444 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 1005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-V368SB-1 ----3SW-V388SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	VALVES	3SW-V388S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
SWC015		06445	YARWAY	MTD	M-34Y	III			1 G	2 G										R
CCW HX 1A-SA V	GLOBE	952677-01			50-M34	74ED			VERT	VER										
ENT LINE	3/4		5515B-SA	236.	Y-23	WINTR														
E			105			76ADD														
SERVICE WATER	VALVES	3SW-V389S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
SWC015		06446	YARWAY	MTD	M-34Y	III			1 G	2 G										R
CCW HX 1A-SA V	GLOBE	952677-01			50-M34	74ED			VERT	VER										
ENT LINE	3/4		5515B-SA	236.	Y-23	WINTR														
E			105			76ADD														
SERVICE WATER	VALVES	3SW-V39SA	TRW	AB21	435139	ASME	A	B	1.5G	3G	X		S	N/A		>33	>33	>33	NA	
		-1	MISSION	PIPE	003	SECT			HOR	HOR						HZ	HZ	HZ		
SWC015		06273	TRW	MTD	M-73	III			1 G	2G										R
SW BOOSTER PUM	CHECK	REPORT	MISSION		50-M70	74ED			VER	VERT										
P 1A-SA BY-PAS	WAFER 14	NO. ONE	15SPF-U12B	236.	-23															
S E																				
SERVICE WATER	VALVES	3SW-V390S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
SWC015		06447	YARWAY	MTD	M-34Y	III			1 G	2 G										R
CCW HX 1A-SA V	GLOBE	952677-01			50-M34	74ED			VERT	VER										
ENT LINE	3/4		5515B-SA	236.	Y-23	WINTR														
E			105			76ADD														
SERVICE WATER	VALVES	3SW-V391S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
SWC015		06448	YARWAY	MTD	M-34Y	III			1 G	2 G										R
CCW HX 1B-SB D	GLOBE	952677-01			50-M34	74ED			VERT	VER										
RAIN LINE	3/4		5515B-SA	236	Y-23	WINTR														
E			105			76ADD														
SERVICE WATER	VALVES	3SW-V392S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
SWC015		06449	YARWAY	MTD	M-34Y	III			1 G	2 G										R
CCW HX 1B-SB D	GLOBE	952677-01			50-M34	74ED			VERT	VER										
RAIN LINE	3/4		5515B-SA	236.	Y-23	WINTR														
E			105			76ADD														

TAGS INCLUDED: 3SW-V388SA-1 ----3SW-V393SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 CCWHX 1B-SB VENT LINE E	VALVES GLOBE 3/4	3SW-V393S B-1 06450 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 005 M-34Y 50-M34 Y-27	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CCW HX 1B-SB VENT LINE E	VALVES GLOBE 3/4	3SW-V394S B-1 06451 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 005 M-34Y 50-M34 Y-27	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CCW HX 1B-SB VENT LINE E	VALVES GLOBE 3/4	3SW-V395S B-1 06452 952677-01	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 005 M-34Y 50-M34 Y-27	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 PX CONNEC AT AF PUMP 1A-SA SUCTE	VALVES GLOBE 1	3SW-V396S A-1 06453 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-27	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 PX CONNEC AT AF PUMP 1B-SB SUCTE	VALVES GLOBE 1	3SW-V397S B-1 06455 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-27	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 PX CONNEC AT AF PUMP 1X-SAB SUCE	VALVES GLOBE 1	3SW-V398S AB-1 06457 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-27	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-V393SB-1 ----3SW-V399SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
SERVICE WATER SW0015 TO PS-2250A ON LINE 3SW6-82 SA N	VALVES GLOBE 1	3SW-V399S A-1 06459 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 INST CONN AT S W PUMP 1B-SB D ISCH	VALVES GLOBE 1	3SW-V4S8-1 06315 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 TO PS-2250B ON LINE 3SW6-80 SB	VALVES GLOBE 1	3SW-V400S B-1 06460 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 TO PS-2270 ON LINE 3SW6-81SA	VALVES GLOBE 1	3SW-V401S AB-1 06461 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 TO PT-2250A ON LINE 3SW6-82 SA E	VALVES GLOBE 1	3SW-V402S A-1 06462 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 TO PT-2250B ON LINE 3SW6-80 SB E	VALVES GLOBE 1	3SW-V403S B-1 06463 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-V399SA-1 ----3SW-V405SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SERVICE WATER SWOC15 PX CONNEC AT A F PUMP 1A-SA S UCTE	VALVES GLOBE 1	3SW-V405S A-1 06454 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOC15 PX CONNEC AT A F PUMP 1B-SB S UCTE	VALVES GLOBE 1	3SW-V406S B-1 06456 952677-02	YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOC15 PX CONNEC AT A F PUMP 1X-SAB SUCE	VALVES GLOBE 1	3SW-V407S AB-1 06458 952677-02	YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOO15 SW BOOSTER PUM P 1B-SB BY-PAS S E	VALVES CHECK WAFER 14	3SW-V415B -1 06282 REPORT NO. ONE	TRW MISSION TRW MISSION K15SPF-U12 B	AB21 PIPE MTD 236.	435139 008 M-70 50-M70 -20	ASME SECT III 74ED	A	B	1.5G HOR 1 G VER	3G HOR 2G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOO15 PX CONN AT CHA RGE PUMP COOLR 1A-SA SW RETUR	VALVES GLOBE 1	3SW-V412S A-1 06480 952677-02	YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SWOO15 PX CONN AT CHA RGE PUMP COOLR 1C-EAB SW RETU	VALVES GLOBE 1	3SW-V413S A-1 06481 952677-02	YARWAY 5515B-SA 105	AB21 PIPE PIPE 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-V405SA-1 ----3SW-V414SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-V414S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06482	YARWAY	MTD	M-34Y	III			1 G	2 G										R
PX CONN AT CHA	GLOBE	952677-02			50-M34	74ED			VERT	VER										
RGE PUMP COOLR	1		5515B-SA	236.	Y-20	WINTR														
1B-EB-SW RETUP			105			76ADD														
SERVICE WATER	VALVES	3SW-V415S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06483	YARWAY	MTD	M-34Y	III			1 G	2 G										R
PX CONN AT CHA	GLOBE	952677-02			50-M34	74ED			VERT	VER										
RGE PUMP COOLR	1		5515B-SA	236.	Y-20	WINTR														
1A-EA SW SUPPL			105			76ADD														
SERVICE WATER	VALVES	3SW-V416S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06484	YARWAY	MTD	M-34Y	III			1 G	2 G										R
PX CONN AT CHA	GLOBE	952677-02			50-M34	74ED			VERT	VER										
RGE PUMP COOLR	1		5515B-SA	236.	Y-20	WINTR														
1C-EAB SW SUPP			105			76ADD														
SERVICE WATER	VALVES	3SW-V417S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06485	YARWAY	MTD	M-34Y	III			1 G	2 G										R
PX CONN AT CHA	GLOBE	952677-02			50-M34	74ED			VERT	VER										
RGE PUMP COOLR	1		5515B-SA	236.	Y-20	WINTR														
1B-EB SW SUPPL			105			76ADD														
SERVICE WATER	VALVES	3SW-V450S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06487	YARWAY	MTD	M-34Y	III			1 G	2 G										R
FD CONN AT BOO	GLOBE	952677-02			50-M34	74ED			VERT	VER										
STER PMP 1A-SA	1		5515B-SA	236.	Y-20	WINTR														
SW EETURN			105			76ADD														
SERVICE WATER	VALVES	3SW-V458S	YARWAY	AB11	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06488	YARWAY	MTD	M-34Y	III			1 G	2 G										
FD-SW INTO PUM	GLOBE	952677-02			50-M34	74ED			VERT	VER										
P OIL COOLER	1		5515B-SA	216.	Y-20	WINTR														
			105			76ADD														

TAGS INCLUDED: 3SW-V414SB-1 ----3SW-V459SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-V459S	YARWAY	AB11	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06489	YARWAY	MTD	M-34Y	III			1 G	2 G										
FD-SW INTO PUM	GLOBE	952677-02			50-M34	74ED			VERT	VER										
P OIL COOLER	1		5515B-SA	216.	Y-20	WINTR														
			105			76ADD														
SERVICE WATER	VALVES	3SW-V460S	YARWAY	AB11	435056	ASME	A		1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06490	YARWAY	MTD	M-34Y	III			1 G	2 G										
FD-SW INTO PUM	GLOBE	952677-02			50-M34	74ED			VERT	VER										
P OIL COOLER	1		5515B-SA	216.	Y-20	WINTR														
			105			76ADD														
SERVICE WATER	VALVES	3SW-V464S	YARWAY	AB11	435056	ASME	A		1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06493	YARWAY	MTD	M-34Y	III			1 G	2 G										
FD CONN AT CHA	GLOBE	952677-02			50-M34	74ED			VERT	VER										
RGE PUMP	1		5515B-SA	216.	Y-20	WINTR														
COOLER 1A-SA S			105			76ADD														
SERVICE WATER	VALVES	3SW-V465S	YARWAY	AB11	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06494	YARWAY	MTD	M-34Y	III			1 G	2 G										
FD CONN AT CHA	GLOBE	952677-02			50-M34	74ED			VERT	VER										
RGE PUMP	1		5515B-SA	216.	Y-20	WINTR														
COOLER 1C-SAB			105			76ADD														
SERVICE WATER	VALVES	3SW-V466S	YARWAY	AB11	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06495	YARWAY	MTD	M-34Y	III			1 G	2 G										
FD CONN AT CHA	GLOBE	952677-02			50-M34	74ED			VERT	VER										
RGE PUMP	1		5515B-SA	216.	Y-20	WINTR														
COOLER 1B-SB S			105			76ADD														
SERVICE WATER	VALVES	3SW-V471S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SWOO15		06498	YARWAY	MTD	M-34Y	III			1 G	2 G										R
VENT ON LINE 3	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SW1-47SB	1		5515B-SA	234.	Y-20	WINTR														
FOREUNIT 1 ONL			105			76ADD														

TAGS INCLUDED: 3SW-V459SA-1 ----3SW-V472SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 VENT ON LINE 3 SW1-165SB E	VALVES GLOBE 1	3SW-V472S B-1 06499 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 VENT ON LINE 3 SW1-89SA E	VALVES GLOBE 1	3SW-V473S A-1 06500 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 VENT ON LINE 3 SW1-122SB E	VALVES GLOBE 1	3SW-V474S B-1 06336 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 -20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 VENT ON LINE 3 SW1-88SA E	VALVES GLOBE 1	3SW-V475S A-1 06501 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FROM SUPPLY HD R B TO SSE FP BOOSTER PUMP	VALVES GLOBE 3	3SW-V480S B-1 06502 REPORT NO.3161	ITT HAMMEL DAHL ITT HAMMEL DAHL NP8320A175 E	AB11 VLV MTD 214.	435174 219 M-66H 50-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
SERVICE WATER SW0015 FAIL CLOSED, M ANUAL OVERRIDE	VALVES SOLENOID VALVE	3SW-V480S B-1 09357 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB11 VLV MTD 214.	435174 219 M-66H 50-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-V472SB-1 ----3SW-V480SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 FAIL CLOSED, MANUAL OVERRIDE	VALVES LIMIT SWITCH	3SW-V480S B-1 09358 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB11 VLV MTD 216.	435176 219 M-66H 59-M66 H-20	IEEE 344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FAIL CLOSED, MANUAL OVERRIDE	VALVES LIMIT SWITCH (2 OF 2)	3SW-V480S B-1 11867	NAMCO EA-180-113 02	AB11 216.																
SERVICE WATER SW0015 FAIL CLOSED, MANUAL OVERRIDE	VALVES GLOBE 3	3SW-V481S A-1 06503 REPORT NO.3161	ITT HAMMEL DAHL ITT HAMMEL DAHL V500LGEZ2C A09Z	AB11 PIPE MTD 216.	435176 219 M-66H 59-M66 H-20	ASME SECT III 77ED WINTR 77ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN SAP IV COMPUTER PROGRAM
SERVICE WATER SW0015 FROM SUPPY HDR A TO SSE FP BOOSTER PUMP	VALVES SOLENOID VALVE	3SW-V481S A-1 09359 AQR-67368	ITT HAMMEL DAHL ASCO NP8320A175 E	AB11 VLV MTD 216.	435176 219 M-66H 59-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 FROM SUPPLY HDR A TO SSE FP BOOSTER	VALVES LIMIT SWITCH	3SW-V481S A-1 09360 QTR-105	ITT HAMMEL DAHL NAMCO EA-180	AB11 VLV MTD 216.	435176 219 M-66H 59-M66 H-20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER FROM SUPPLY HDR A TO SSE FP BOOSTER	VALVES LIMIT SWITCH (2 OF 2)	3SW-V481S A-1 11866	ITT HAMMEL DAHL NAMCO V500LGEZ2C A09Z	AB11 PIPE MTD 216.	435176 219 M-66H 59-M66 H-20															

TAGS INCLUDED: 3SW-V480SB-1 ----3SW-V484SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
SERVICE WATER	VALVES	3SW-V484S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06504	YARWAY	MTD	M-34Y	III			1 G	2 G										R
PX CONN ON SW	GLOBE	952677-02			50-M66	74ED			VERT	VER										
BOOSTER PMP A	1		5515B-SA	236.	H-20	WINTR														
SUCE			105			76ADD														
SERVICE WATER	VALVES	3SW-V485S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06505	YARWAY	MTD	M-34Y	III			1 G	2 G										R
PX CONN ON SW	GLOBE	952677-02			50-M66	74ED			VERT	VER										
BOOSTER PMP B	1		5515B-SA	236.	H-20	WINTR														
SUCE			105			76ADD														
SERVICE WATER	VALVES	3SW-V511S	YARWAY		435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06530	YARWAY	MTD	M-34Y	III			1 G	2 G										
EMERG SW STRAI	GLOBE	952677-02			50-M34	74ED			VERT	VER										
NER VENT	1		5515B-SA		Y-20	WINTR														
			105			76ADD														
SERVICE WATER	VALVES	3SW-V512S	YARWAY		435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06531	YARWAY	MTD	M-34Y	III			1 G	2 G										
EMERG SW STRAI	GLOBE	952677-02			50-M34	74ED			VERT	VER										
NER VENT	1		5515B-SA		Y-20	WINTR														
			105			76ADD														
SERVICE WATER	VALVES	3SW-V513S	YARWAY		435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06532	YARWAY	MTD	M-34Y	III			1 G	2 G										
EMERG SW STRAI	GLOBE	952677-02			50-M34	74ED			VERT	VER										
NER VENT	1		5515B-SA		Y-20	WINTR														
			105			76ADD														
SERVICE WATER	VALVES	3SW-V514S	YARWAY		435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06533	YARWAY	MTD	M-34Y	III			1 G	2 G										
EMERG SW STRAI	GLOBE	952677-02			50-M34	74ED			VERT	VER										
NER VENT	1		5515B-SA		Y-20	WINTR														
			105			76ADD														

TAGS INCLUDED: 3SW-V484SA-1 ----3SW-V515SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I								HZ	HZ	HZ		
SERVICE WATER SW0015 EMERG SW STRAINER DRN	VALVES GATE 3	3SW-V515S A-1 06534 FA-5481	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	CT.S PIPE MTD	435022 002 M-33P 50-M33 P-20	ASME SECT III 74 ED SUMM 76ADD	A B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	COMPUTER ANAL USING PACIFIC VALVE PROGRAM PVSAP
SERVICE WATER SW0015 EMERG SW STRAINER DRN	VALVES GATE 3	3SW-V516S B-1 06535 FA-5481	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	CT.S PIPE MTD	435022 002 M-33P 50-M33 P-20	ASME SECT III 74 ED SUMM 76ADD	A B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	COMPUTER ANAL USING PACIFIC VALVE PROGRAM PVSAP
SERVICE WATER SW0015 SW SUPPLY HDR A STRAINER BACKWASH LINE	VALVES GATE 3	3SW-V517S A-1 06382 FA-5481	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	CT.S PIPE MTD	435022 002 M-33P 50-M33 P-20	ASME SECT III 74 ED SUMM 76ADD	A B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	COMPUTER ANAL USING PACIFIC VALVE PROGRAM PVSAP
SERVICE WATER SW0015 SW SUPPLY HDR B STRAINER BACKWASH LINE	VALVES GATE 3	3SW-V518S B-1 06361 FA-5481	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	CT.S PIPE MTD	435022 002 M-33P 50-M33 P-20	ASME SECT III 74 ED SUMM 76ADD	A	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	COMPUTER ANAL USING PACIFIC VALVE PROGRAM PVSAP
SERVICE WATER SW0015 SW SUPPLY HDR A STRAINER DRAIN	VALVES GATE 3	3SW-V519S A-1 06359 FA-5481	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	CJ.S PIPE MTD	435022 002 M-33P 50-M33 P-20	ASME SECT III 74 ED SUMM 76ADD	A	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	COMPUTER ANAL USING PACIFIC VALVE PROGRAM PVSAP
SERVICE WATER SW0015 SW SUPPLY HDR B STRAINER DRAIN	VALVES GATE 3	3SW-V520S B-1 06363 FA-5481	PACIFIC VLV. PACIFIC VLV. 150-7-WE-X	CT.S PIPE MTD	435022 002 M-33P 50-M33 P-20	ASME SECT III 74 ED SUMM 76ADD	A	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	COMPUTER ANAL USING PACIFIC VALVE PROGRAM PVSAP

TAGS INCLUDED: 3SW-V515SA-1 ----3SW-V525SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-V525S A-1	YARWAY		435056	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
SW0015		06539	YARWAY	PIPE MTD	006 M-34Y	SECT III			HOR 1 G	HOR 2 G						HZ	HZ	HZ		
VENT ON RETURN	GLOBE	952677-02			50-434	74ED			VERT	VER										
LINE FROM	1		5515B-SA		Y-20	WINTR														
CONT. FAN COOL			105			76ADD														
SERVICE WATER	VALVES	3SW-V528S A-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06376	YARWAY	MTD	M-34Y	III			1 G	2 G										R
FROM SW SUPPLY	GLOBE	952677-03			50-434	74ED			VERT	VER										
HDR A TO CHAR	1 1/2		5515B-SA	236.	Y-20	WINTR														
GINE PUMP COOL			105			76ADD														
SERVICE WATER	VALVES	3SW-V529S B-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06439	YARWAY	MTD	M-34Y	III			1 G	2 G										R
FROM SW SUPPLY	GLOBE	952677-03			50-434	74ED			VERT	VER										
HDR B TO CHAR	1 1/2		5515B-SA	236.	Y-20	WINTR														
GINE PUMP COOL			105			76ADD														
SERVICE WATER	VALVES	3SW-V530S A-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06374	YARWAY	MTD	M-34Y	III			1 G	2 G										
CHRG PUMP COOL	GLOBE	952677-03			50-434	74ED			VERT	VER										
ER 1A-SA	1 1/2		5515B-SA	236.	Y-20	WINTR														
TO SW RETURN H			105			76ADD														
SERVICE WATER	VALVES	3SW-V531S B-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06437	YARWAY	MTD	M-34Y	III			1 G	2 G										
SW FROM CHARGI	GLOBE	952677-03			50-434	74ED			VERT	VER										
NG PUMP COOLER	1 1/2		5515B-SA	236.	Y-20	WINTR														
1A-SA TO SW RE			105			76ADD														
SERVICE WATER	VALVES	3SW-V532S A-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06409	YARWAY	MTD	M-34Y	III			1 G	2 G										
SUPPLY HDR A T	GLOBE	952677-03			50-434	74ED			VERT	VER										
O CHRG PUMP CO	1 1/2		5515B-SA	236.	Y-20	WINTR														
OLER 1C-SAB			105			76ADD														

TAGS INCLUDED: 3SW-V525SA-1 ----3SW-V533SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SQRT #	QUAL CODES / STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	LOAD INPUT ZPA SSE	LOAD INPUT SEI-SMIC	LOAD INPUT OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	QUALIFICATION METHOD TEST FREQ	QUALIFICATION METHOD TEST DIR	LOWEST NATURAL FREQUENCY F/B	LOWEST NATURAL FREQUENCY S/S	LOWEST NATURAL FREQUENCY V	FLOOR RESP. SPECTR	REMARKS
SERVICE WATER SW0015 SUPPLY HDR B TO CHRG PUMP COOLER 1C	VALVES GLOBE 1 1/2	3SW-V533S B-1 06410 952677-03	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTDD 236.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 CHRG PMP COOLER 1C-SAB TO RETURN HDRA	VALVES GLOBE 1 1/2	3SW-V534S A-1 06407 952677-03	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 CHARG PMP COOLER 1C-SAB TO N HER B	VALVES GLOBE 1 1/2	3SW-V535S B-1 06405 952677-03	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FROM SW SUPPLY HDR B TO CHARGINE PUMP COOL	VALVES GLOBE 1 1/2	3SW-V536S B-1 06378 952677-03	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 SW FROM SW SUPPLY HDR A TO CHAREING PUMP C	VALVES GLOBE 1 1/2	3SW-V537S A-1 06441 952677-03	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 SW FROM CHARGING PUMP COOLER TO SW RETURN H	VALVES GLOBE 1 1/2	3SW-V538S B-1 06375 952677-03	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-V533SB-1 ----3SW-V539SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-V539S	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	007	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06438	YARWAY	MTD	M-34V	III			1 G	2 G										
SW FROM CHARGI	GLOBE	952677-03			50-M34	74ED			VERT	VER										
NG PUMP COOLER	1 1/2		5515B-SA-1	236.	Y-20	WINTR														
1B-SB TO SW RE			C5			76ADD														
SERVICE WATER	VALVES	3SW-V540S	ROCKWELL	AB21	435057	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		A-1	INTERNATI	PIPE	056	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		11335	ROCKWELL	MTD	M-34R	III			1 G	2 G										R
FROM SW SUPPLY	CHECK	SA-479286	INTERNATI		50-M36	71ED			VERT	VERT										
HDR A TO CHAR	1 1/2		FIG.3674F3	236.	R-20	SUM														
GINE PUMP COOL			16T3			73ADD														
SERVICE WATER	VALVES	3SW-V541S	ROCKWELL	AB21	435057	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1	INTERNATI	PIPE	056	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06440	ROCKWELL	MTD	M-34R	III			1 G	2 G										R
FROM SW SUPPLY	CHECK	SA-479286	INTERNATI		50-M36	71ED			VERT	VERT										
HDR B TO CHAR	1 1/2		FIG.3674F3	236.	R-20	SUM														
GINE PUMP COOL			16T3			73ADD														
SERVICE WATER	VALVES	3SW-V542S	ROCKWELL	AB21	435057	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		A-1	INTERNATI		056	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06409	ROCKWELL		M-34R	III			1 G	2 G										R
SUPPLY HDR A T	CHECK	SA-479286	INTERNATI		50-M34	71ED			VERT	VERT										
O CHRG PUMP CO	1 1/2		FIG 3674F3	236	R-20	SUM														
OLEE 1C-SAB			16T3			73ADD														
SERVICE WATER	VALVES	3SW-V543S	ROCKWELL	AB21	435057	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1	INTERNATI	PIPE	056	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06411	ROCKWELL	MTD	M-34R	III			1 G	2 G										R
SUPPLY HDR B T	CHECK	SA-479286	INTERNATI		50-M35	71ED			VERT	VERT										
O CHRG PUMP CO	1 1/2		FIG 3674F3	236.	R-20	SUM														
OLEE 1C			16T3			73ADD														
SERVICE WATER	VALVES	3SW-V544S	ROCKWELL	AB21	435057	ASME	A	B	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1	INTERNATI	PIPE	056	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06379	ROCKWELL	MTD	M-34R	III			1 G	2 G										R
FROM SW SUPPLY	CHECK	SA-479286	INTERNATI		50-M34	71ED			VERT	VERT										
HDR B TO CHAR	1 1/2		FIG 3674F3	236.	R-20	SUM														
GINE PUMP COOL			16T3			73ADD														

TAGS INCLUDED: 3SW-V539SA-1 ----3SW-V545SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	QQ/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 SW FROM SW SUPPLY HDR A TO CHAREING PUMP C	VALVES CHECK 1 1/2	3SW-V545SA-1 06442 SA-479286	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG 3674F3 16T3	AB21 PIPE MTD 235.	435057 056 M-36R 50-M36 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FIS CONNEC AT CC WATER HEAT EXCE A	VALVES GLOBE 1	3SW-V55SA-1 06324 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 235.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 PX AT CTMU SC PUMP TEMP STR	VALVES GLOBE 1	3SW-V550S A-1 06542 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTP 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 PX AT CTMU SC PUMP TEMP STR	VALVES GLOBE 1	3SW-V551S B-1 06543 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 PX AT CTMU SC PUMP TEMP STR	VALVES GLOBE 1	3SW-V552S A-1 06544 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 PX AT CTMU SC PUMP TEMP STR	VALVES GLOBE 1	3SW-V553S B-1 06545 952677-02	BLAKE EQUIPMENT YARWAY 5515B-SA10 5	MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-V545SA-1 ----3SW-V556SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	ELOC	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SQRT #															
SERVICE WATER	VALVES	3SW-V556S	PACIFIC	ITS	435022	ASME	A	D	1.5G	3 G	X		S	SF	MD	>33	>33	>33	N/A	COMPUTER
		A-1	VLV.	PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		ANAL USIN
SW0015		06383	PACIFIC	MTD	M-33P	III			1 G	2 G										G PACIFIC
SW SUPPLY HDR	GATE	FA-5481	VLV.		50-M33	74 ED			VER	VER										VALVE
A STRAINER BAC	3		150-7-WE-X		P-20	SUMM														PROGRAM
KWANH LINE						76ADD														PVSAP
SERVICE WATER	VALVES	3SW-V557S	PACIFIC	ITS	435022	ASME	A	D	1.5G	3 G	X		S	SF	MD	>33	>33	>33	N/A	COMPUTER
		B-1	VLV.	PIPE	002	SECT			HOR	HOR						HZ	HZ	HZ		ANAL USIN
SW0015		06362	PACIFIC	MTD	M-33P	III			1 G	2 G										G PACIFIC
SW SUPPLY HDR	GATE	FA-5481	VLV.		50-M33	74 ED			VER	VER										VALVE
B STRAINER BAC	3		150-7-WE-X		P-20	SUMM														PROGRAM
KWANH LINE						76ADD														PVSAP
SERVICE WATER	VALVES	3SW-V56SA	YARWAY	AB21	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06325	YARWAY	MTD	M-34Y	III			1 G	2 G										R
FIS CONNEC AT	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
CC WATER HEAT	1		5515B-SA10	236.	Y-20	WINTR														
EXCE A			5			76ADD														
SERVICE WATER	VALVES	3SW-V585S	YARWAY		435056	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06546	YARWAY	MTD	M-34Y	III			1 G	2 G										
VENT CONN FOR	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ESW SUPPLY TO	1		5515B-SA10		Y-20	WINTR														
DIESEL GEN 1A			5			76ADD														
SERVICE WATER	VALVES	3SW-V586S	YARWAY		435056	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06547	YARWAY	MTD	M-34Y	III			1 G	2 G										
VENT CONN FOR	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ESW RETURN	1		5515B-SA10		Y-20	WINTR														
FROM DIESEL GE			5			76ADD														
SERVICE WATER	VALVES	3SW-V587S	YAWAY		435056	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06548	YARWAY	MTD	M-34Y	III			1 G	2 G										
VENT CONN FOR	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
ESW SUPPLY TO	1		5515B-SA10		Y-20	WINTR														
DIESEL GEN 1B			5			76ADD														

TAGS INCLUDED: 3SW-V556SA-1 ----3SW-V583SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/RECH	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	VALVES	3SW-V588S	YARWAY		435056	ASME	A D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
SWOC15		06549	YARWAY	MTD	M-34Y	III		1 G	2 G										
VENT CONN FOR	SOLENOID	952677-02			50-M34	74ED		VERT	VERT										
ESW RETURN	VALVE		5515B-SA10		Y-20	WINTR													
FROM DIESEL GE			5			76ADD													
SERVICE WATER	VALVES	3SW-V597S	TARGET ROC	AB21	435243	IEEE	A B	1.5G	3G	X		S	SF	MD	>33	>33	>33	N/A	REF.
		B-1	K	PIPE	017	344-		HOR	HOR						HZ	HZ	HZ		DESIGN
SWOO15		06606	TARGET ROC	MTD	M-73A	75		1G	2G										REP.R
SAMPLE LN INTO	GLOBE3/4	TR#-2804/	K		50-M73	ASME		VERT	VERT										2653D
REM 3500-A SB	SOLENOID	TRP2375	79Q-014	237.	-20	SECT													
FCRE1636R1	OPER VLV					III													
SERVICE WATER	VALVES	3SW-V599S	TARGET ROC	AB21	435243	IEEE	A D	1.5G	3G	X		S	SF	MD	>33	>33	>33	N/A	REF.
		A-1	K	PIPE	017	344-		HOR	HOR						HZ	HZ	HZ		DESIGN
SWOO15		06608	TARGET ROC	MTD	M-73A	75		1G	2G										REP.
350C B-SA	GLOBE3/4	TR#-2804/	K		50-M73	ASME		VERT	VERT										2653D
FCR-P-1636R1	SOLENOID	TRP2375	79Q-014	237.	-20	SECT													
N	OPER VLV					III													
SERVICE WATER	VALVES	3SW-V601S	TARGET ROC	AB21	435243	IEEE	A B	1.5G	3G	X		S	SF	MD	>33	>33	>33	N/A	REF.
		A-1	K	PIPE	017	344-		HOR	HOR						HZ	HZ	HZ		DESIGN
SWOO15		06610	TARGET ROC	MTD	M-73A	75		1G	2G										REP.R
DELETE	GLOBE3/4	TR#-2804/	K		50-M73	ASME		VERT	VERT										2653D
	SOLENOID	TRP2375	79Q-014	237.	-20	SECT													
FCREP-1636,163	OPER VLV					III													
SERVICE WATER	VALVES	3SW-V603S	TARGET ROC	AB21	435243	IEEE	A B	1.5G	3G	X		S	SF	MD	>33	>33	>33	N/A	REF.
		E-1	K	PIPE	017	344-		HOR	HOR						HZ	HZ	HZ		DESIGN
SWOO15		06612	TARGET ROC	MTD	M-73A	75		1G	2G										REP.R
DELETE	GLOBE3/4	TR#-2804/	K		50-M73	ASME		VERT	VERT										2653D
	SOLENOID	TRP2375	79Q-014	237.	-20	SECT													
FCREP-1636R1	OPER VLV					III													
SERVICE WATER	VALVES	3SW-V605S	YARWAY	SPAR	435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	005	SECT		HOR	HOR						HZ	HZ	HZ		
SWOC15		06607	YARWAY	MTD	M-34Y	III		1G	2G										
SAMPLE LN OUT	GLOBE	952677-01			50-M34	74ED		VERT	VERT										
OF REM3500A SB	3/4		5515B-SA		Y-20	WINTR													
FCR-P-1636R1			105			76ADD													

TAGS INCLUDED: 3SW-V588SB-1 ----3SW-V606SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1571
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SPT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-V606S	YARWAY	AB11	435056	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06609	YARWAY	MTD	M-34Y	III			1G	2G										
LINE NO 3SW8-8	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
04SB VENT	3/4		5515B-SA	216.	Y-20	WINTR														
			105			76ADD														
SERVICE WATER	VALVES	3SW-V607S	YARWAY	SPAR	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06611	YARWAY	MTD	M-34Y	III			1G	2G										
3500C-SA	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
	3/4		5515B-SA		Y-20	WINTR														
FCR-P-1636			105			76ADD														
SERVICE WATER	VALVES	3SW-V608S	YARWAY	AB11	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06613	YARWAY	MTD	M-34Y	III			1G	2G										
SAMPLE LN OUT	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
OF REM3500D-SB	3/4		5515B-SA	214.	Y-20	WINTR														
FCR-P-1636R1			105			76ADD														
SERVICE WATER	VALVES	3SW-V63SA	YARWAY	AB31	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06330	YARWAY	MTD	M-34Y	III			1 G	2 G										R
FIS CONNEC AT	GLOBE	952677-02			50-M34	74ED			VERT	VERT										
AUX BLDG HVAC	1		5515B-SA10	261	Y-20	WINTR														
CHIELER 1A-SA			5			76ADD														
SERVICE WATER	VALVES	3SW-V638S	TARGET ROC	IE31	435243	IEEE	A	D	1.5G	3 G	X		S	SF	MD	>33	>33	>33	N/A	REF
		A-1	K	PIPE	014	344-			HOR	HOR						HZ	HZ	HZ		DESIGN
SW0015		06622	TARGET ROC	MTD	M-73A	75			1 G	2 G										REPO T
INLET TO ESW P	GLOBE3/4	TR#-2804/	K		50-M73	ASME			VERT	VERT										26530
UMP 1A-SA	SOLENOID	TRP2375	790-013	262.	-20	SECT														
CYCNONE SEPARA	OPER VLV					III														
SERVICE WATER	VALVES	3SW-V639S	TARGET ROC	IE31	435243	IEEE	A	D	1.5G	3 G	X		S	SF	MD	>33	>33	>33	N/A	REF
		B-1	K	PIPE	014	344-			HOR	HOR						HZ	HZ	HZ		DESIGN
SW0015		06623	TARGET ROC	MTD	M-73A	75			1 G	2 G										REPO T
INLET TO ESW P	GLOBE3/4	TR#-2804/	K		50-M73	ASME			VERT	VERT										26530
UMP 1B-SB	SOLENOID	TRP2375	790-013	262.	-20	SECT														
CYCNONE SEPARA	OPER VLV					III														

TAGS INCLUDED: 3SW-V606SA-1 ----3SW-V64SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	VALVES	3SW-V64SA -1	YARWAY	AB31 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 FIS CONNEC AT AUX BLDG HVAC CHIELER 1A-SA	GLOBE 1	06331 952677-02	YARWAY 5515B-SA10 5	MTD 261.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VERT										R
SERVICE WATER	VALVES	3SW-V64GS A-1	YARWAY	AB11 PIPE	435056 005	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 FLUSHING FROM ESW PUMP 1A-SA CYCLONE SEPARA	GLOBE 3/4	06624 952677-01	YARWAY 5515B-SA 105	MTD 216.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										
SERVICE WATER	VALVES	3SW-V641S B-1	YARWAY	AB11 PIPE	435056 005	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 FLUSHING FROM ESW PUMP 1B-SB CYCLONE SEPARA	GLOBE 3/4	06625 952677-01	YARWAY 5515B-SA 105	MTD 214.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										
SERVICE WATER	VALVES	3SW-V646S A-1	TARGET ROC K	IE31 PIPE	435243 018	IEEE 344-	A	B	1.5G HOR	3G HOR	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN
SW0015 COOLING WATER TO ESW FAN - COOLER	GLOBE3/4 SOLENOID OPER VLV	06627 TR#-2804/ TRP-2375	TARGET ROC K 79Q-028	MTD 246.	M-73A 50-M73 A-20	75 ASME SECT III			1G VERT	2G VERT										REP. 2653D
SERVICE WATER	VALVES	3SW-V647S B-1	TARGET ROC K	IE31 PIPE	435243 018	IEEE 344-	A	D	1.5G HOR	3G HOR	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN
SW0015 COOLING WATER TO ESW FAN - COONER	GLOBE 2" SOLENOID OPER VLV	06630 TR#-2804/ TRP2375	TARGET ROC K 79Q-028	MTD 262.	M-73A 50-M73 A-20	75 ASME SECT III			1G VERT	2G VERT										REP. 2653D
SERVICE WATER	VALVES	3SW-V648S A-1	YARWAY	PIPE	435056 008	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 SW TO DGB FAN COOLER A VALVE 3SW-V648	GLOBE 2	06643 952677-04	YARWAY 5515B-SA 105	MTD	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										

TAGS INCLUDED: 3SW-V64SA-1 ----3SW-V649SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q I												
			MODEL NO	ELEV	SORT #														
SERVICE WATER	VALVES	3SW-V649S	TARGET ROC	DG31	435243	IEEE	A D	1.5G	3G	X		S	SF	MD	>33	>33	>33	N/A	REF.
		B-1	K	PIPE	018	344-		HOR	HOR						HZ	HZ	HZ		DESIGN
SW0015		06644	TARGET ROC	MTD	M-73A	75		1G	2G										REP.
TO DGB FAN COO	GLOBE 2"	TR#-2804/	K		50-M73	ASME		VERT	VERT										2653D
LER A	SOLENOID	TRP2375	790-028	292.	A-23	SECT													
N	OPER VLV					III													
SERVICE WATER	VALVES	3SW-V65SB	YARWAY	AB31	435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06332	YARWAY	MTD	M-34Y	III		1 G	2 G										R
FIS CONNEC AT	GLOBE	952677-02			50-M34	74ED		VERT	VERT										
AUX BLDG CHILL	1		5515B-SA10	261	Y-23	WINTR													
ER EB-SB			5			76ADD													
SERVICE WATER	VALVES	3SW-V650S	YARWAY		435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	008	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06245	YARWAY	MTD	M-34Y	III		1 G	2 G										
POST ACC SAMPL	GLOBE	952677-04			50-M34	74ED		VERT	VER										
E RETURN (GAS)	2		5515B-SA		Y-23	WINTR													
CONTAM ISOLATI			105			76ADD													
SERVICE WATER	VALVES	3SW-V651S	YARWAY		435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	008	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06246	YARWAY	MTD	M-34Y	III		1 G	2 G										
POST ACC SAMPL	GLOBE	952677-04			50-M34	74ED		VERT	VER										
E RETURN (GAS)	2		5515B-SA		Y-23	WINTR													
CONTAM ISOLATI			105			76ADD													
SERVICE WATER	VALVES	3SW-V652S	TARGET ROC	DG31	435243	IEEE	A	1.5G	3G	X		S	SF	MD	>33	>33	>33	N/A	REF.
		B-1	K	PIPE	018	344-		HOR	HOR						HZ	HZ	HZ		DESIGN
SW0015		06649	TARGET ROC	MTD	M-73A	75		1G	2G										REP.
SW TO DGB FAN	GLOBE 2"	TR#-2804/	K		50-M73	ASME		VERT	VERT										2653D
COOLER B	SOLENOID	TRP2375	790-028	292.	A-23	SECT													
1 VALVE 3SW-V6	OPER VLV					III													
SERVICE WATER	VALVES	3SW-V653S	YARWAY		435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	008	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06247	YARWAY	MTD	M-34Y	III		1 G	2 G										
POST ACC SAMPL	GLOBE	952677-04			50-M34	74ED		VERT	VER										
E RETURN (GAS)	2		5515B-SA		Y-23	WINTR													
CONTAM ISOLATI			105			76ADD													

TAGS INCLUDED: 3SW-V649SB-1 ----3SW-V654SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER SW0015 TEST CONNECTION AT ESW FAN COOLER	VALVES GLOBE 1	3SW-V654S A-1 06632 952677-02	YARWAY YARWAY 5515B-F316	PIPE MTD	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 TEST CONNECTION AT ESW FAN COOLER	VALVES GLOBE 1	3SW-V655S A-1 06633 952677-02	YARWAY YARWAY 5515B-F316	PIPE MTD	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 RETURN FROM ESW FAN COOLER	VALVES GLOBE 2	3SW-V656S A-1 06634 952677-04	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 008 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 TEST CONNECTION AT ESW FAN COOLER	VALVES GLOBE 1	3SW-V657S B-1 06636 952677-02	YARWAY YARWAY 5515B-F316	PIPE MTD	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 TEST CONNECTION AT ESW FAN COOLER	VALVES GLOBE 1	3SW-V658S B-1 06637 952677-02	YARWAY YARWAY 5515B-F316	PIPE MTD	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 RETURN FROM ESW FAN COOLER	VALVES GLOBE 2	3SW-V659S B-1 06638 952677-04	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 008 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-V654SA-1 ----3SW-V66SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	VALVES	3SW-V66SB-1	YARWAY	AB31 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 FIS CONNEC AT AUX BLDG CHILLER EB-SB	GLOBE 1	06333 952677-02	YARWAY 5515B-SA 105	MTD 261.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										R
SERVICE WATER	VALVES	3SW-V66OS A-1	YARWAY	PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 PX CONN AT DGB FAN COOLER A SW OUTLET	GLOBE 1	06640 952677-02	YARWAY 5515B-SA 105	MTD	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
SERVICE WATER	VALVES	3SW-V661S A-1	YARWAY	PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 PX CONN AT DGB FAN COOLER A SW OUTLET	GLOBE 1	06641 952677-02	YARWAY 5515B-SA 105	MTD	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
SERVICE WATER	VALVES	3SW-V662S B-1	YARWAY	PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 PX CONN AT DGB FAN COOLER B SW INLET	GLOBE 1	06646 952677-02	YARWAY 5515B-SA 105	MTD	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
SERVICE WATER	VALVES	3SW-V663S B-1	YARWAY	PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 PX CONN AT DGB FAN COOLER B SW OUTLET	GLOBE 1	06647 952677-02	YARWAY 5515B-SA 105	MTD	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
SERVICE WATER	VALVES	3SW-V665S B-1	YARWAY	PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 COOLING WATER TO ESW FAN - COOLER	GLOBE 2	06631 952677-04	YARWAY 5515B-SA 105	MTD	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										

TAGS INCLUDED: 3SW-V66SB-1 ----3SW-V666SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 N	VALVES GLOBE 2	3SW-V666S A-1 06628 952677-04	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 008 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 DRN ON LINE 3S W8-88SA E	VALVES GLOBE 1	3SW-V668S A-1 06396 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 SAMPLE LN OUT OF REM350GD-SB FCR-P-1636R1	VALVES GLOBE 2	3SW-V669S B-1 06614 952677-04	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 215.	435056 008 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 DELETE	VALVES GLOBE 2	3SW-V673S A-1 06618 952677-04	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 216	435056 008 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015	VALVES GLOBE 2	3SW-V674S A-1 11339 952677-04	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 215.	435056 008 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 DELETE	VALVES GLOBE 2	3SW-V675S B-1 06620 952677-04	YARWAY YARWAY 5515B-SA 105	AB11 PIPE MTD 215.	435056 008 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-V666SA-1 ----3SW-V676SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	VALVES	3SW-V676S B-1	YARWAY	AB11 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 DELETE	GLOBE 2	06621 952677-04	YARWAY 5515B-SA 105	MTD 216.	M-34Y 59-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
SERVICE WATER	VALVES	3SW-V685B -1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 FIS CONNEC AT CC WATER HEAT EXCE B	GLOBE 1	06327 952677-02	YARWAY 5515B-SA 105	MTD 236.	M-34Y 59-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										R
SERVICE WATER	VALVES	3SW-V686S A-1	YARWAY	YD PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 VENT ON 3SW2-1 460SA-1	GLOBE 1	06651 952677-02	YARWAY 5515B-SA 105	MTD	M-34Y 59-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
SERVICE WATER	VALVES	3SW-V687S B-1	YARWAY	YD PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 VENT ON 3SW2-1 464SB-1	GLOBE 1	06652 952677-02	YARWAY 5515B-SA 105	MTD	M-34Y 59-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
SERVICE WATER	VALVES	3SW-V688S A-1	YARWAY	YD PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 VENT ON 3SW2-1 459SA-1	GLOBE 1	06653 952677-02	YARWAY 5515B-SA 105	MTD	M-34Y 59-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										
SERVICE WATER	VALVES	3SW-V689S B-1	YARWAY	YD PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 VENT ON 3SW2-1 463SB-1	GLOBE 1	06654 952677-02	YARWAY 5515B-SA 105	MTD	M-34Y 59-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										

TAGS INCLUDED: 3SW-V676SB-1 ----3SW-V69SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- C 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	VALVES	3SW-V69SB -1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 FIS CONNEC AT CC WATER HEAT EXCE B	GLOBE 1	06328 952677-02	YARWAY 55158-SA 105	MTD 236.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										R
SERVICE WATER	VALVES	3SW-V698S B-1	PACIFIC VLV.	AB2 PIPE	435022 002	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	COMPUTER ANAL USIN
SW0015 ESW SUPPLY TO AIRCOMPRESSORS E	GATE 3	06659 FA-5481	PACIFIC VLV. 150-7-WE-X	MTD 236.	M-33P 50-M33 P-20	III 74 ED SUMM 76ADD			1 G VER	2 G VER										G PARIFIC VALVE PROGRAM PVSAP
SERVICE WATER	VALVES	3SW-V699S A-1	PACIFIC VLV.	AB2 PIPE	435022 001	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN
SW0015 ESW SUPPLY TO AIR COMPRES-SORE	GATE 3	06660 FA-5481	PACIFIC VLV. 150-7-WE-X	MTD 236.	M-33P 50-M33 P-20	III 74 ED SUMM 76ADD			1 G VER	2 G VER										G PARIFIC VALVE PROGRAM PVSAP
SERVICE WATER	VALVES	3SW-V700S A-1	PACIFIC VLV.	AB21 PIPE	435022 081	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN
SW0015 ESW RETURN FRO M AIR COMP TO-A TEAIN	GATE 3	06662 FA-5481	PACIFIC VLV. 150-7-WE-X	MTD 236.	M-33P 50-M33 P-20	III 74 ED SUMM 76ADD			1 G VER	2 G VER										G PARIFIC VALVE PROGRAM PVSAP
SERVICE WATER	VALVES	3SW-V701S B-1	PACIFIC VLV.	AB21 PIPE	435022 081	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USIN
SW0015 ESW RETURN FRO M AIR COMP TO-B TEAIN	GATE 3	06661 FA-5481	PACIFIC VLV. 150-7-WE-X	MTD 236.	M-33P 50-M33 P-20	III 74 ED SUMM 76ADD			1 G VER	2 G VER										G PARIFIC VALVE PROGRAM PVSAP
SERVICE WATER	VALVES	3SW-V711S A-1	YARWAY	YD PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 PX CONN AT DGB FAN COOLER A-INLET	GLOBE 1	06663 952677-02	YARWAY 55158-SA 105	MTD	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1 G VERT	2 G VER										

TAGS INCLUDED: 3SW-V69SB-1 ----3SW-V712SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q I												
SERVICE WATER SW0C15 SW FROM DGB FAN COOLER A 1 VALVE 3SW-V6	VALVES GLOBE 2 1/2	3SW-V712S A-1 06645 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	PIPE MTD	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUMM 76ADD	A C	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER ANAL USING PACIFIC VALVE
SERVICE WATER SW0015 PX CONN AT DGB FAN COOLER B-INLET	VALVES GLOBE 1	3SW-V713S B-1 06664 952677-02	YARWAY YARWAY 5515B-SA 1G5	YD PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0C15 SW FROM DGB FAN COOLER B 1 VALVE 3SW-V6	VALVES GLOBE 2 1/2	3SW-V714S B-1 06650 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	PIPE MTD	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A D	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER CODE PVSAP
SERVICE WATER SW0015 VENT ON 3SW3-1 488SAB-182 N	VALVES GLOBE 1	3SW-V716S AB-1 06665 952677-02	YARWAY YARWAY 5515B-SA 1G5	YD PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 RETURN FROM ESW FAN COOLER	VALVES GLOBE 2 1/2	3SW-V717S A-1 06635 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	PIPE MTD	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUMM 76ADD	A B	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER CODE PVSAP
SERVICE WATER SW0015 RETURN FROM ESW FAN COOLER	VALVES GLOBE 2 1/2	3SW-V720S B-1 06639 FA-5477	PACIFIC VLV. PACIFIC VLV. 160-7-WE-X	PIPE MTD	435022 052 M-33P 50-M33 P-20	ASME SECT III 74ED SUM 76ADD	A D	1.5G HOR 1 G VER	3 G HOR 2 G VER	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	NA	COMPUTER CODE PVSAP

TAGS INCLUDED: 3SW-V712SA-1 ----3SW-V721SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC		Q I												
			MODEL NO	ELEV	SORT #														
SERVICE WATER	VALVES	3SW-V721S	YARWAY	YD	435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	004	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06666	YARWAY	MTD	M-34Y	III		1 G	2 G										
DGB FAN COOLER	GLOBE	952677-01			50-M34	74ED		VERT	VER										
A COIL VENT	1/2		5515B-SA		Y-20	WINTR													
			105			76ADD													
SERVICE WATER	VALVES	3SW-V722S	YARWAY	YD	435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	004	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06667	YARWAY	MTD	M-34Y	III		1 G	2 G										
DGB FAN COOLER	GLOBE	952677-01			50-M34	74ED		VERT	VER										
A COIL DRAIN	1/2		5515B-SA		Y-20	WINTR													
			105			76ADD													
SERVICE WATER	VALVES	3SW-V723S	YARWAY	YD	435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	004	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06668	YARWAY	MTD	M-34Y	III		1 G	2 G										
DGB FAN COOLER	GLOBE	952677-01			50-M34	74ED		VERT	VER										
B COIL VENT	1/2		5515B-SA		Y-20	WINTR													
			105			76ADD													
SERVICE WATER	VALVES	3SW-V724S	YARWAY	YD	435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	004	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06669	YARWAY	MTD	M-34Y	III		1 G	2 G										
DGB FAN COOLER	GLOBE	952677-01			50-M34	74ED		VERT	VER										
B COIL DRAIN	1/2		5515B-SA		Y-20	WINTR													
			105			76ADD													
SERVICE WATER	VALVES	3SW-V725S	YARWAY		435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	004	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06670	YARWAY	MTD	M-34Y	III		1 G	2 G										
FAN COOLER AH-	GLOBE	952677-01			50-M34	74ED		VERT	VER										
86 COIL DRAIN	1/2		5515B-SA		Y-20	WINTR													
			105			76ADD													
SERVICE WATER	VALVES	3SW-V726S	YARWAY		435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	004	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06671	YARWAY	MTD	M-34Y	III		1 G	2 G										
FAN COOLER AH-	GLOBE	952677-01			50-M34	74ED		VERT	VER										
86 COIL VENT	1/2		5515B-SA		Y-20	WINTR													
			105			76ADD													

TAGS INCLUDED: 3SW-V721SA-1 ----3SW-V727SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	VALVES	3SW-V727S B-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06672	YARWAY	MTD	M-34Y	III			1 G	2 G										
SW SUPPLY FROM	GLOBE	952677-02			50-M34	74ED			VERT	VER										R
TRAIN B TO --	1		5515B-SA	236.	Y-20	WINTR														
POSE ACC SAMP			105			76ADD														
SERVICE WATER	VALVES	3SW-V728S A-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06673	YARWAY	MTD	M-34Y	III			1 G	2 G										
SW SUPPLY FROM	GLOBE	952677-02			50-M34	74ED			VERT	VER										R
TRAIN A TO --	1		5515B-SA	236.	Y-20	WINTR														
POSE ACC SAMP			105			76ADD														
SERVICE WATER	VALVES	3SW-V729S A-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06675	YARWAY	MTD	M-34Y	III			1 G	2 G										
SW RETURN FROM	GLOBE	952677-02			50-M34	74ED			VERT	VER										R
POST ACC SAMP	1		5515B-SA	236.	Y-20	WINTR														
CHIELER TO TRA			105			76ADD														
SERVICE WATER	VALVES	3SW-V730S B-1	YARWAY	AB21 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06674	YARWAY	MTD	M-34Y	III			1 G	2 G										
SW RETURN FROM	GLOBE	952677-02			50-M34	74ED			VERT	VER										R
POST ACC SAMP	1		5515B-SA	236.	Y-20	WINTR														
CHIELER TO TRA			105			76ADD														
SERVICE WATER	VALVES	3SW-V731S B-1	YARWAY	PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06676	YARWAY	MTD	M-34Y	III			1 G	2 G										
FAN COOLER AH-	GLOBE	952677-01			50-M34	74ED			VERT	VER										
86 COIL VENT	1/2		5515B-SA		Y-20	WINTR														
			105			76ADD														
SERVICE WATER	VALVES	3SW-V732S B-1	YARWAY	PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06677	YARWAY	MTD	M-34Y	III			1 G	2 G										
FAN COOLER AH-	GLOBE	952677-01			50-M34	74ED			VERT	VER										
86 COIL DRAIN	1/2		5515B-SA		Y-20	WINTR														
			105			76ADD														

TAGS INCLUDED: 3SW-V727SB-1 ----3SW-V733SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I												
SERVICE WATER	VALVES	3SW-V733S	YARWAY		435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	004	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06678	YARWAY	MTD	M-34Y	III		1 G	2 G										
DGB FAN COOLER	GLOBE	952677-01			50-M34	74ED		VERT	VER										
A COIL DRAIN	1/2		5515B-SA		Y-20	WINTR													
			105			76ADD													
SERVICE WATER	VALVES	3SW-V734S	YARWAY		435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	004	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06679	YARWAY	MTD	M-34Y	III		1 G	2 G										
DGB FAN COOLER	GLOBE	952677-01			50-M34	74ED		VERT	VER										
A COIL VENT	1/2		5515B-SA		-20	WINTR													
			105			76ADD													
SERVICE WATER	VALVES	3SW-V735S	YARWAY		435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	004	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06679	YARWAY	MTD	M-34Y	III		1 G	2 G										
DGB FAN COOLER	GLOBE	952677-01			50-M34	74ED		VERT	VER										
B COIL DRAIN	1/2		5515B-SA		Y-20	WINTR													
			105			76ADD													
SERVICE WATER	VALVES	3SW-V736S	YARWAY		435056	ASME	A	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		B-1		PIPE	004	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		09392	YARWAY	MTD	M-34Y	III		1G	2G										
DGB FAN COOLE	GLOBE	952677-01			50-M34	74ED		VERT	VER										
R B COIL VENT	1/2		5515B-SA		Y-20	WINTR													
			105			76ADD													
SERVICE WATER	VALVES	3SW-V749S	TARGET ROC	IE31	435243	IEEE	A D	1.5G	3G	X		S	SF	MD	>33	>33	>33	N/A	REF.
		A-1	K	PIPE	022	344-		HOR	HOR						HZ	HZ	HZ		DESIGN
SW0015		09824	TARGET ROC	MTD	M-73A	75		1G	2G										REPORT
SW SUPPLY TO E	GLOBE 1"	TR#-2804/	K		50-M73	ASME		VERT	VERT										3871
SW PMP SEAL/	SOLENOID	TRP2375	790-024	262.	A-20	SECT													
BRG WTR BOOSTE	OPER VLV					III													
SERVICE WATER	VALVES	3SW-V750S	TARGET ROC	IE31	435243	IEEE	A D	1.5G	3G	X		S	SF	MD	>33	>33	>33	N/A	REF.
		B-1	K	PIPE	022	344-		HOR	HOR						HZ	HZ	HZ		DESIGN
SW0015		09825	TARGET ROC	MTD	M-73A	75		1G	2G										REPORT
SW SUPPLY TO E	GLOBE 1"	TR#-2804/	K		50-M73	ASME		VERT	VERT										3871
SW PMP SEAL/	SOLENOID	TRP2375	790-024	262.	A-20	SECT													
BRG WTR BOOSTE	OPER VLV					III													

TAGS INCLUDED: 3SW-V733SA-1 ----3SW-V754SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
SERVICE WATER SW0015 ESW PMP SEAL/B RG WTR BOOSTER PUMP 1A-NNS DI	VALVES CHECK 1 1/2	3SW-V754S A-1 09826 SA-497913	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.838YT3	PIPE MTD	435057 077 M-34R 50-M34 R-20	ASME SECT III 71ED SUM 73ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 ESW PMP SEAL/B RG WTR BOOSTER PUMP1B-NNS DIS	VALVES CHECK 1 1/2	3SW-V755S B-1 09827 SA-497913	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.838YT3	PIPE MTD	435057 077 M-34R 50-M34 R-20	ASME SECT III 71ED SUM 73ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 ESW PMP SEAL/B RG WTR BOOSTER PUMP 1A-NNS DI	VALVES GLOBE 1" SOLENOID OPER VLV	3SW-V756S A-1 09828 TR#-2804/ TRP2375	TARGET ROC K TARGET ROC K 790-024	IE31 PIPE MTD 262.	435243 022 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SERVICE WATER SW0015 ESW PMP SEAL/B RG WTR BOOSTER PUMP1B-NNS DIS	VALVES GLOBE 1" SOLENOID OPER VLV	3SW-V757S B-1 09829 TR#-2804/ TRP2375	TARGET ROC K TARGET ROC K 790-024	IE31 PIPE MTD 262.	435243 022 M-73A 50-M73 A-20	IEEE 344-75 ASME SECT III	A D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	SF	MD	>33 HZ	>33 HZ	>33 HZ	N/A	REF. DESIGN REPORT 3871
SERVICE WATER SW0015 ESW PMP SEAL/B RG WTR BOOSTER PUMP1B-NNS DIS	VALVES GLOBE 1	3SW-V758S N-1 09830 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 ESW PMP SEAL/B RG WTR BOOSTER PUMPS DISCHARG	VALVES GLOBE 1	3SW-V759S A-1 09831 952677-02	YARWAY YARWAY 5515B-SA 105	PIPE MTD	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-V754SA-1 ----3SW-V760SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-V760S B-1	YARWAY		435056	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		09832	YARWAY	PIPE MTD	004 M-34Y	SECT III			HOR 1 G	HOR 2 G						HZ	HZ	HZ		
SW0015 ESW PMP SEAL/B	GLOBE	952677-02			50-M34	74ED			VERT	VER										
RG WTR BOOSTER	1		5515B-SA		Y-20	WINTR														
PUMPS DISCHARG			105			76ADD														
SERVICE WATER	VALVES	3SW-V774S A-1	YARWAY	CB11	435056	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		09850	YARWAY	PIPE MTD	004 M-34Y	SECT III			HOR 1 G	HOR 2 G						HZ	HZ	HZ		
SW0015 VENT ON 3SW1/2	GLOBE	952677-01			50-M34	74ED			VERT	VER										
-1442SA	1/2		5515B-SA	221	Y-20	WINTR														
FCRNP-1459R1			105			76ADD														
SERVICE WATER	VALVES	3SW-V775S B-1	YARWAY	CB11	435056	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		09851	YARWAY	PIPE MTD	004 M-34Y	SECT III			HOR 1 G	HOR 2 G						HZ	HZ	HZ		
SW0015 VENT ON 3SW1/2	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
-1443SB	1/2		5515B-SA	221.	Y-20	WINTR														
FCRNP-1459R1			105			76ADD														
SERVICE WATER	VALVES	3SW-V784S A-1	YARWAY	CB21	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		11345	YARWAY	PIPE MTD	004 M-34Y	SECT III			HOR 1 G	HOR 3G						HZ	HZ	HZ		
SW0015 INST SUPPLY LI	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
NE TO FX AT	1/2		5515B-SA	236.	Y-20	WINTR														
FE N586 A			105			76ADD														
SERVICE WATER	VALVES	3SW-V785S B-1	YARWAY	CB21	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		11346	YARWAY	PIPE MTD	004 M-34Y	SECT III			HOR 1 G	HOR 3G						HZ	HZ	HZ		
SW0015 INST SUPPLY LI	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
NE TO FX AT FE	1/2		5515B-SA	236.	Y-20	WINTR														
658N B			105			76ADD														
SERVICE WATER	VALVES	3SW-V786S A-1	YARWAY	CB21	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		11347	YARWAY	PIPE MTD	004 M-34Y	SECT III			HOR 1 G	HOR 2G						HZ	HZ	HZ		
SW0015 INST SUPPLY LI	GLOBE	952677-01			50-M34	74ED			VERT	VERT										
NE TO FX AT FE	1/2		5515B-SA10	236.	Y-20	SUM														
690NA			5			76ADD														

TAGS INCLUDED: 3SW-V760SB-1 ----3SW-V787SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-V787S	YARWAY	CB21	435056	ASME	C	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	004	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		11348	YARWAY	MTD	M-34Y	III			1G	2G										
INST SUPPLY LI	GLOBE	952677-01			50-434	74ED			VERT	VERT										
NE TO FX AT FE	1/2		5515B-SA	234.	Y-20	WINTR														
690NB			105			76ADD														
SERVICE WATER	VALVES	3SW-V788S	YARWAY	CB21	435056	ASME	A	D	1.5G	3G	X		X	NA		>33	>33	>33	NA	
		A-1		PIPE	004	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		11349	YARWAY	MTD	M-34Y	III			1G	2G										
INST RETURN LI	GLOBE	952677-01			50-434	74ED			VERT	VERT										
NE FROM FX AT	1/2		5515B-SA	234.	Y-20	WINTR														
FE N586A			105			76ADD														
SERVICE WATER	VALVES	3SW-V789S	YARWAY	CB21	435056	ASME	A	D	1.5G	3G	X		X	NA		>33	>33	>33	NA	
		B-1		PIPE	004	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		11350	YARWAY	MTD	M-34Y	III			1G	2G										
INST RETURN LI	GLOBE	952677-01			50-434	74ED			VERT	VERT										
NE FROM FX AT	1/2		5515B-SA	234.	Y-20	WINTR														
FE N586B			105			76ADD														
SERVICE WATER	VALVES	3SW-V790S	YARWAY	CB21	435056	ASME	A	D	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	004	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		11351	YARWAY	MTD	M-34Y	III			1G	2G										
INST RETURN LI	GLOBE	952677-01			50-434	74ED			VERT	VERT										
NE FROM FX	1/2		5515B-SA10	234.	Y-20	WINTR														
AT NE 690SA			5			76ADD														
SERVICE WATER	VALVES	3SW-V791S	YARWAY	CB21	435056	ASME	A	D	1.5G	3.0G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	004	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		11352	YARWAY	MTD	M-34Y	III			1.0G	2.0G										
INST RETURN LI	GLOBE	952677-01			50-434	SUB			VERT	VERT										
NE FROM FX AT	1/2		5515B-SA	234.	Y-20	NCBND														
FE N905B			105			77ED														
SERVICE WATER	VALVES	3SW-V800S	TRW	AB31	435139	ASME	A	B	1.5G	3G	X		S	N/A		>33	>33	>33	NA	
		A-1	MISSION	PIPE	004	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		J6551	TRW	MTD	M-20	III			1 G	2 G										R
SW FOR HVAC ES	CHECK	REPORT	MISSION		50-470	74ED			VERT	VERT										
SENTIAL SER	WAFER &	NO. ONE	K15SPF-U12	261.	-20															
WATER CHILLER																				

TAGS INCLUDED: 3SW-V787SB-1 ----3SW-V801SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	CODES	TUS		OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #	STDS	Q	I												
SERVICE WATER	VALVES	3SW-V801S	YARWAY	AB31	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06560	YARWAY	MTD	M-34Y	III			1 G	2 G										R
SW FOR HVAC ES	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SENTIAL SER	1		5515B-SA	261.	Y-20	WINTR														
WATER CHILLER			105			76ADD														
SERVICE WATER	VALVES	3SW-V803S	YARWAY	AB31	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06561	YARWAY	MTD	M-34Y	III			1 G	2 G										R
SW FOR HVAC ES	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SENTIAL SER	1		5515B-SA	261.	Y-20	WINTR														
WATER CHILLER			105			76ADD														
SERVICE WATER	VALVES	3SW-V804S	YARWAY	AB31	435056	ASME	A	B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06562	YARWAY	MTD	M-34Y	III			1 G	2 G										R
SW FOR HVAC ES	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SENTIAL SER	1		5515B-SA	261.	Y-20	WINTR														
WATER CHILLER			105			76ADD														
SERVICE WATER	VALVES	3SW-V805S	YARWAY	AB31	435056	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06554	YARWAY	MTD	M-34Y	III			1 G	2 G										
SW FOR HVAC ES	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SENTIAL SER	1		5515B-SA	261.	Y-20	WINTR														
WATNR CHILLER			105			76ADD														
SERVICE WATER	VALVES	3SW-V806S	YARWAY	AB31	435056	ASME	A	B	1.5G	3 G	X		S.	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06566	YARWAY	MTD	M-34Y	III			1 G	2 G										R
SW FOR HVAC ES	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SENTIAL SER	1		5515B-SA	261.	Y-20	WINTR														
WATER CHILLER			105			76ADD														
SERVICE WATER	VALVES	3SW-V808S	YARWAY	AB31	435056	ASME	A	D	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06555	YARWAY	MTD	M-34Y	III			1 G	2 G										
SW FOR HVAC ES	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SENTIAL SER	1		5515B-SA	261.	Y-20	WINTR														
WATNR CHILLER			105			76ADD														

TAGS INCLUDED: 3SW-V801SA-1 ----3SW-V809SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	VALVES	3SW-V809S A-1	YARWAY	AB31 PIPE	435056 006	ASME SECT	A	C	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06563	YARWAY	MTD	M-34Y	III			1 G	2 G										R
SW FOR HVAC ES	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SENTIAL SER	1		5515B-SA	261.	Y-20	WINTR														
WATER CHILLER			105			76ADD														
SERVICE WATER	VALVES	3SW-V810S A-1	YARWAY	AB31 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06564	YARWAY	MTD	M-34Y	III			1 G	2 G										R
SW FOR HVAC ES	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SENTIAL SER	1		5515B-SA	261.	Y-20	WINTR														
WATER CHILLER			105			76ADD														
SERVICE WATER	VALVES	3SW-V812S A-1	YARWAY	AB31 PIPE	435056 007	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06565	YARWAY	MTD	M-34Y	III			1 G	2 G										R
SW FOR HVAC ES	GLOBE	952677-03			50-M34	74ED			VERT	VER										
SENTIAL SER	1 1/2		5515B-SA	261.	Y-20	WINTR														
WATER CHILLER			105			76ADD														
SERVICE WATER	VALVES	3SW-V813S B-1	YARWAY	AB31 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06567	YARWAY	MTD	M-34Y	III			1 G	2 G										R
SW FOR HVAC ES	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SENTIAL SER	1		5515B-SA	261.	Y-20	WINTR														
WATER CHILLER			105			76ADD														
SERVICE WATER	VALVES	3SW-V814S B-1	YARWAY	AB31 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06568	YARWAY	MTD	M-34Y	III			1 G	2 G										R
SW FOR HVAC ES	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SENTIAL SER	1		5515B-SA	261.	Y-20	WINTR														
WATER CHILLER			105			76ADD														
SERVICE WATER	VALVES	3SW-V815S B-1	YARWAY	AB31 PIPE	435056 006	ASME SECT	A	B	1.5G HOR	3 G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015		06569	YARWAY	MTD	M-34Y	III			1 G	2 G										R
SW FOR HVAC ES	GLOBE	952677-02			50-M34	74ED			VERT	VER										
SENTIAL SER	1		5515B-SA	261.	Y-20	WINTR														
WATER CHILLER			105			76ADD														

TAGS INCLUDED: 3SW-V809SA-1 ----3SW-V816SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OPE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SWOO15 SW FOR HVAC ESSENTIAL SER WATER CHILLER	VALVES GLOBE 1	3SW-V816S B-1 06570 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOO15 SW FOR HVAC ESSENTIAL SER WATER CHILLER	VALVES GLOBE 1	3SW-V817S B-1 06571 952677-02	YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOO15 SW FOR HVAC ESSENTIAL SER WATNR CHILLER	VALVES GLOBE 1	3SW-V819S B-1 06573 952677-02	YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SWOO15 SW FOR HVAC ESSENTIAL SER WATER CHILLER	VALVES GLOBE 1 1/2	3SW-V820S B-1 06572 952677-03	YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOO15 SW FOR HBAC ESSENTIAL SER WATER CHILLER	VALVES CHECK WAFER &	3SW-V821S B-1 06557 REPORT NO. ONE	TRW MISSION TRW MISSION K15SPF-U12	AB31 PIPE MTD 261.	435139 006 M-77 50-M70 -20	ASME SECT III 74ED	A	B	1.5G HOR 1 G VER	3G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SWOO15 CONDENSER WATER FOR ESS SERV CHIELED WATER	VALVES GLOBE 1	3SW-V836S B-1 06576 952677-02	YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-V816SB-1 ----3SW-V837SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
SERVICE WATER	VALVES	3SW-V837S	YARWAY	AB31	435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06577	YARWAY	MTD	M-34Y	III		1 G	2 G										R
CONDENSER WATE	GLOBE	952677-02			50-M34	74ED		VERT	VER										
R FOR ESS SERV	1		5515B-SA	261.	Y-20	WINTR													
CHIELED WATER			105			76ADD													
SERVICE WATER	VALVES	3SW-V838S	YARWAY	AB31	435056	ASME	A B	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06578	YARWAY	MTD	M-34Y	III		1 G	2 G										R
CONDENSER WATE	GLOBE	952677-02			50-M34	74ED		VERT	VER										
R FOR ESS SERV	1		5515B-SA	261.	Y-20	WINTR													
CHIELED WATER			105			76ADD													
SERVICE WATER	VALVES	3SW-V839S	YARWAY	AB31	435056	ASME	A B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06579	YARWAY	MTD	M-34Y	III		1G	2G										R
CONDENSER WATE	GLOBE				50-M34	74ED		VERT	VERT										
R FOR ESS SERV	1	952677-02	5515B-SA	261.	Y-20	WINTR													
CHIELED WATER			105			76ADD													
SERVICE WATER	VALVES	3SW-V840S	YARWAY	AB31	435056	ASME	A B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06580	YARWAY	MTD	M-34Y	III		1G	2G										R
CONDENSER WATE	GLOBE				50-M34	74ED		VERT	VERT										
R FOR ESS SERV	1	952677-02	5515B-SA	261.	Y-20	WINTR													
CHIELED WATER			105			76ADD													
SERVICE WATER	VALVES	3SW-V841S	YARWAY	AB31	435056	ASME	A B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06581	YARWAY	MTD	M-34Y	III		1G	2G										R
CONDENSER WATE	GLOBE				50-M34	74ED		VERT	VERT										
R FOR ESS SERV	1	952677-02	5515B-SA	261.	Y-20	WINTR													
CHIELED WATER			105			76ADD													
SERVICE WATER	VALVES	3SW-V842S	YARWAY	AB31	435056	ASME	A B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	006	SECT		HOR	HOR						HZ	HZ	HZ		
SW0015		06582	YARWAY	MTD	M-34Y	III		1G	2G										R
CONDENSER WATE	GLOBE				50-M34	74ED		VERT	VERT										
R FOR ESS SERV	1	952677-02	5515B-SA	261.	Y-20	WINTR													
CHIELED WATER			105			76ADD													

TAGS INCLUDED: 3SW-V837SB-1 ----3SW-V343SA-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 CONDENSER WATER FOR ESS SERV CHILLED WATER	VALVES GLOBE 1	3SW-V843S A-1 06583 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SERVICE WATER SW0015 CONDENSER WATER FOR ESS SERV CHILLED WATER	VALVES GLOBE 1	3SW-V844S A-1 06584 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CONDENSER WATER FOR ESS SERV CHILLED WATER	VALVES GLOBE 1	3SW-V845S A-1 06585 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CONDENSER WATER FOR ESS SERV CHILLED WATER	VALVES GLOBE 1	3SW-V846S A-1 06586 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CONDENSER WATER FOR ESS SERV CHILLED WATER	VALVES GLOBE 1	3SW-V847S A-1 06587 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CONDENSER WATER FOR REFRIG. TRAESFER SYSTE	VALVES GLOBE 3/4	3SW-V848S B-1 06588 952677-01	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-V843SA-1 ----3SW-V849SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
SERVICE WATER	VALVES	3SW-V849S	YARWAY	AB31	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		B-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06599	YARWAY	MTD	M-34Y	III			1G	2G										R
TO CONDENSER R	GLOBE				50-M34	74ED			VERT	VERT										
E TRANSF SYS.	3/4	952677-01	5515B-SA	261.	Y-20	WINTR														
E			105			76ADD														
SERVICE WATER	VALVES	3SW-V850S	YARWAY	AB31	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06590	YARWAY	MTD	M-34Y	III			1G	2G										R
SW FOR CONDENS	GLOBE				50-M34	74ED			VERT	VERT										
ER REFRIGERANT	3/4	952677-01	5515B-SA	261.	Y-20	WINTR														
TRAESFER SYS O			105			76ADD														
SERVICE WATER	VALVES	3SW-V851S	YARWAY	AB31	435056	ASME	A	B	1.5G	3G	X		S	NA		>33	>33	>33	NA	
		A-1		PIPE	005	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06589	YARWAY	MTD	M-34Y	III			1G	2G										R
SW FOR CONDENS	GLOBE				50-M34	74ED			VERT	VERT										
ER REFRIGERANT	3/4	952677-01	5515B-SA	261.	Y-20	WINTR														
TRAESFER SYS O			105			76ADD														
SERVICE WATER	VALVES	3SW-V868S	TARGET ROC	AB31	435243	ASME	A	B	1.5G	3G	X		S	SF	MD	>33	>33	>33	NA	REF.
		A-1	K	PIPE	003	344-			HOR	HOR						HZ	HZ	HZ		DESIGN
SW0015		06591	TARGET ROC	MTD	M-73A	75			1G	2G										REPORT
SW FOR ESS. CH	GLOBE 1"	TR#-2804/	K		50-M73	ASME			VERT	VERT										2653D
ILLED WATER	SOLENOID	TRP2375	790-008	267.	A-20	SECT														
SYSEEM EMERGEN	OPER VLV					III														
SERVICE WATER	VALVES	3SW-V869S	TARGET ROC	AB31	435243	ASME	A	B	1.5G	3G	X		S	SF	MD	>33	>33	>33	NA	REF.
		B-1	K	PIPE	003	344-			HOR	HOR						HZ	HZ	HZ		DESIGN
SW0015		06593	TARGET ROC	MTD	M-73A	75			1G	2G										REPORT
SW FOR ESS CHI	GLOBE 1"	TR#-2804	K		50-M73	ASME			VERT	VERT										2653D
LLED WATER	SOLENOID	TRP2375	790-008	267.	A-20	SECT														
SYSEEM EMERGEN	OPER VLV					III														
SERVICE WATER	VALVES	3SW-V870S	ROCKWELL	AB31	435157	ASME	A	D	1.5G	3 G	X		S	N/A		>33	>33	>33	NA	
		A-1	INTERNATI	PIPE	022	SECT			HOR	HOR						HZ	HZ	HZ		
SW0015		06592	ROCKWELL	MTD	M-342	III			1 G	2 G										
SW FOR ESS. CH	CHECK	SA-479282	INTERNATI		50-M34	71ED			VERT	VERT										
ILLED WATER	1		FIG.838YT3	261.	R-20	SUM														
SYSNEM EMERGEN						73ADD														

TAGS INCLUDED: 3SW-V849SB-1 ----3SW-V871SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SERVICE WATER SW0015 SW FOR ESS CHILLED WATER SYSEEM EMERGEN	VALVES CHECK 1	3SW-V871S B-1 06594 SA-479282	ROCKWELL INTERNATI ROCKWELL INTERNATI FIG.838YT3	AB31 PIPE MTD 261.	435057 022 M-348 50-M34 R-20	ASME SECT III 71ED SUM 73ADD	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FT CONNEC AT CCW HEAT EXCH SW RETURN 1A-SA	VALVES GLOBE 1	3SW-V88SA -1 06364 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 Y-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FT CONNEC AT CCW HEAT EXCH SW RETURN 1A-SA	VALVES GLOBE 1	3SW-V89SA -1 11334 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 236.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CONDENSER VENT E	VALVES GLOBE 3/4	3SW-V900S A-1 06595 952677-01	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 005 M-34Y 50-M34 R-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CONDENSER VENT E	VALVES GLOBE 3/4	3SW-V901S B-1 06598 952677-01	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CONDENSER DR. E	VALVES GLOBE 1 1/2	3SW-V902S A-1 06596 952677-03	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-V871SB-1 ----3SW-V903SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER SW0015 CONDENSER VENT E	VALVES GLOBE 3/4	3SW-V903S B-1 06600 952677-01	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CONDENSER DRAIN E	VALVES GLOBE 1 1/2	3SW-V904S B-1 06601 952677-03	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 007 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 CONDENSER DR. E	VALVES GLOBE 3/4	3SW-V905S A-1 06597 952677-01	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 005 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 P7 DISCHARGE LINE NO 3SWE-875SA VEN	VALVES GLOBE 1	3SW-V908S A-1 06602 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 P7 DISCHARGE LINE NO - 3SWE-8765B VEN	VALVES GLOBE 1	3SW-V909S B-1 06603 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 LINE NO 3SW8-8 00SA VENT E	VALVES GLOBE 1	3SW-V929S A-1 06604 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-20	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R

TAGS INCLUDED: 3SW-V903SB-1 ----3SW-V930SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE WATER SW0015 LINE NO 3SW8-8 04SB VENT E	VALVES GLOBE 1	3SW-V930S B-1 06605 952677-02	YARWAY YARWAY 5515B-SA 105	AB31 PIPE MTD 261.	435056 006 M-34Y 50-M34 Y-23	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FT CONNEC AT A UX BLDG HVAC C HILEER 1A-SA S	VALVES GLOBE 1	3SW-V94SA -1 06341 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 235.	435056 006 M-34Y 50-M34 Y-23	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FT CONNEC AT A UX BLDG HVAC C HILEER 1A-SA S	VALVES GLOBE 1	3SW-V95SA -1 06342 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 235.	435056 006 M-34Y 50-M34 Y-23	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FT CONNEC AT A UX BLDG HVAC C HILEER 1B-SB S	VALVES GLOBE 1	3SW-V96SB -1 06339 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 235.	435056 006 M-34Y 50-M34 Y-23	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FT CONNEC AT A UX BLDG HVAC C HILEER 1B-SB S	VALVES GLOBE 1	3SW-V97SB -1 06340 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 235.	435056 006 M-34Y 50-M34 Y-23	ASME SECT III 74ED WINTR 76ADD	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SERVICE WATER SW0015 FT CONNEC AT C CW HEAT EXCH S W RETURN	VALVES GLOBE 1	3SW-V98SB -1 06337 952677-02	YARWAY YARWAY 5515B-SA 105	AB21 PIPE MTD 235.	435056 006 M-34Y 50-M34 Y-23	ASME SECT III 74ED WINTR 76ADD	A	C	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SW-V930SB-1 ----3SW-V99SB-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SPRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SERVICE WATER	VALVES	3SW-V99SB -1	YARWAY	AB21 PIPE	435056 DOS	ASME SECT	A	C	1.5G HOR	3G HOR	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SW0015 FT CONNEC AT C CW HEAT EXCH S W RMTURN	GLOBE 1	06338 952677-02	YARWAY 55158-SA 105	236.	M-34Y 50-M34 Y-20	III 74ED WINTR 76ADD			1G VERT	2G VERT										

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
SG WET LAY-UP LU0118 STEAM GENERATOR 1A WET LAY-UP LNVEL	SENSORS LEVEL TRANSMITTER	LT 1LU 9951 S 09700 108025 RB 108026 RA	ROSEMOUNT 1153DB5	CB21 LCL 236.	435102 275 IN01 IN01-20	IEEE 344-75	A	D	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	CNMT 82,172 392,235,295,461	RESPONSE SPECTRUM FOR BE, OBE RESPECT
SG WET LAY-UP LU0118 STEAM GENERATOR 1B WET LAY-UP LNVEL	SENSORS LEVEL TRANSMITTER	LT 1LU 9952 S 09738 108025RB 108026RA	ROSEMOUNT 1153DB5	CB21 LCL 236.	435102 276 IN01 IN01-20	IEEE 344-75	A	D	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	CNMT 82,172 392,235,295,461	RESPONSE SPECTRUM FOR BE, OBE RESPECT
SG WET LAY-UP LU0118 STEAM GENERATOR 1C WET LAY-UP LNVEL	SENSORS LEVEL TRANSMITTER	LT 1LU 9953 S 09739 108025RB 108026RA	ROSEMOUNT 1153DB5	CB21 LCL 236.	435102 277 IN01 IN01-20	IEEE 344-75	A	D	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	CNMT 82,172 392, 235, 295, 461	RESPONSE SPECTRUM FOR BE, OBE RESPECT

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I												
SPNT FUEL POOL COOL&CLNUP SF0004 FP CLG PMP A S TNR DIFF PRES S HI	CONTROL DEVICES PRESSURE SWITCH	PDS41SF51 30A S 01101	ITT-BARTON ITT-BARTON 288A/224	F-R 7 236.	435146 19 IN45 IN46-20		D											LATER	NOT PURCHASED
SPNT FUEL POOL COOL&CLNUP SF0004 FP CLG PMP B S TNR DIFF PRES S HI	CONTROL DEVICES PRESSURE SWITCH	PDS41SF51 30B S 01102	ITT-BARTON ITT-BARTON 288A/224	F-R 7	435146 20 IN06 IN06-20													LATER	NOT PURCHASED
SPNT FUEL POOL COOL&CLNUP SF0004 SFP A HDR LO PRES	CONTROL DEVICES PRESSURE SWITCH	PS41SF 51 40A S 01104 ESE-13	WESTINGH'S E WISD NAL1(NE-B)	AB52 PIC-C16 305.	435002 A-02	IEEE 323-74,344-75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-10,37,60,88,191,212	PS5140A
SPNT FUEL POOL COOL&CLNUP SF0004 SFP B HDR LO PRESS	CONTROL DEVICES PRESSURE SWITCH	PS41SF 51 40B S 01103 ESE-13	WESTINGH'S E WISD NAL1(NE-B)	AB52 PIC-C16 305.	435002 A-02	IEEE 323-74,344-75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12 10,37,60,88,191,212	PS5140B
SPNT FUEL POOL COOL&CLNUP SF0004 NEW FUEL POOL TEMP HI	CONTROL DEVICES TEMPERATURE SWITCH	TS 1SF 51 00A SA 01065 ESE-13	WESTINGH'S E WISD NAL1(NE-B)	AB52 PIC-C09 305.	435002 A-02	IEEE 323-74,344-75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS5100A
SPNT FUEL POOL COOL&CLNUP SF0004 NEW FUEL POOL TEMP HI	CONTROL DEVICES TEMPERATURE SWITCH	TS 1SF 51 00B SB 01064 ESE-13	WESTINGH'S E WISD NAL1(NE-B)	AB52 PIC-C10 305.	435002 A-02	IEEE 323-74,344-75	A B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS5100B

TAGS INCLUDED: PDS41SF5130A S ----TS 1SF 5110A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SPNT FUEL POOL COOL&CLNUP SFOC04 SFP TEMP HI	CONTROL DEVICES TEMPERATURE SWITCH	TS 1SF 51 10A SA 01C91 ESE-13	WESTINGH'SE WISD NAL(NE-B)	AB52 PIC-C09 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS5110A
SPNT FUEL POOL COOL&CLNUP SFOC04 SFP TEMP HI	CONTROL DEVICES TEMPERATURE SWITCH	TS 1SF 51 10B SB 01C92 ESE-13	WESTINGH'SE WISD NAL1(NE-B)	AB52 PIC-C10 305.	435002 A-02	IEEE 323-74,344 -75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RAB12-37,88 212 10,60 191	TS5110B

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR

UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E)

OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I												
SPNT FUEL POOL COOL&CLNUP SF0004 TO REMOVE DECAY HEAT OF SPENT FUEL	HEAT EXCHANGE SFP HEAT EXCHANGE	1ASA SFP HEAT EXCH 08072 N-003-1	YUBA INDUSTRIES YUBA INDUSTRIES 81-D-372	FHB FLOOR MTD	435929 M-24 50-M24 -20	ASME SECT III	A	.11G HOR .15G HOR .15G VERT	.22G HOR .30G HOR .31G VERT	X		D	N/A		>21 HZ	>21 HZ	>21 HZ	EL 236 PT.8, 14,21, 6	
SPNT FUEL POOL COOL&CLNUP SF0004 TO REMOVE DECAY HEAT OF SPENT FUEL	HEAT EXCHANGE SFP HEAT EXCHANGE	1BSE SFP HEAT EXCH 08090 N-003-1	YUBA INDUSTRIES YUBA INDUSTRIES 81-D-372	FLOOR MTD	435929 M-24 50-M24 -20	ASME SECT III	A	.11G HOR .15G HOR .15G VERT	.22G HOR .30G HOR .31G VERT	X		D	N/A		>21 HZ	>21 HZ	>21 HZ	EL 236 PT.8, 14,21, 6	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SPNT FUEL POOL COOL&CLNUP SF0004 NEW FUEL POOL UNIT #1 HI L VL HI,	LIMIT SW ITCHES LEVEL SW ITCH	LS 1SF 51 C0A SA 01054 NO 46345-1	MAGNETROL A153F-3X-Y -TDM -S1MD	FH41 LCL 286.	435271 1 IN32 IN32-20	IEEE 344-75 323-74	A	D	F/B 0.3 S/S 0.3 VERT 0.62	F/B 0.4 S/S 0.4 VERT 1.0	YES	N/A	NA	MF	MD	26 HZ	30 HZ	>33 HZ	FHB 28,172 262,19 115, 175	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SPNT FUEL POOL COOL&CLNUP SF0004 NEW FUEL POOL UNIT#1 LO -LO LVL PART	LIMIT SW ITCHES LEVEL SW ITCH	LS 1SF 51 C0A3 SA 12011	----	LCL	435271 IN															
SPNT FUEL POOL COOL&CLNUP SF0004 NEW FUEL POOL LVL UNIT #1 HI,	LIMIT SW ITCHES LEVEL SW ITCH	LS 1SF 51 C0B SB 01051 NO 46345-1	MAGNETROL A153F-3X-Y -TDM -S1MD	FH41 LCL 286.	435271 2 IN32 IN32-20	IEEE 344-75 323-74	A	D	F/B 0.3 S/S 0.3 VERT 0.62	F/B 0.4 S/S 0.4 VERT 1.0	YES	N/A	NA	MF	MD	26 HZ	30 HZ	>33 HZ	FHB 28,172 262,19 115, 175	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SPNT FUEL POOL COOL&CLNUP SF0004 NEW FUEL POOL UNIT #1 HI,L	LIMIT SW ITCHES LEVEL SW ITCH	LS 1SF 51 10A SA 01076 NO 46345-1	MAGNETROL A153F-3X-Y -TDM -S1MD	FH41 LCL 286.	435271 3 IN32 IN32-20	IEEE 344-75 323-74	A	D	F/B 0.3 S/S 0.3 VERT 0.62	F/B 0.4 S/S 0.4 VERT 1.0	YES	N/A	NA	MF	MD	26 HZ	30 HZ	>33 HZ	FHB 28,172 262,19 115, 175	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SPNT FUEL POOL COOL&CLNUP SF0004 SPENT FP LEVEL UNIT#1 HI,LO, LO-LO	LIMIT SW ITCHES LEVEL SW ITCH	LS 1SF 51 10B SB 01079 NO 46345-1	MAGNETROL A153F-3X-Y -TDM -S1MD	FH41 LCL 286.	435271 4 IN32 IN32-20	IEEE 344-75 323-74	A	D	F/B 0.3 S/S 0.3 VERT 0.62	F/B 0.4 S/S 0.4 VERT 1.0	YES	N/A	NA	MF	MD	26 HZ	30 HZ	>33 HZ	FHB 28,172 262,19 115, 175	RESPONSE SPECTRUM FOR DBE, OBE RESPECT

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E)
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SPNT FUEL POOL COOL&CLNUP SFC004 FUEL POOL COOLING PUMP DRIVE	MOTORS MOTOR	FP CLG P1 & 4A-SA 11652	N/A SIEMENS-AL LIS EL-8-5103-90232-1	FH21 236.	435042 M-13															
SPNT FUEL POOL COOL&CLNUP SFC004 FUEL POOL COOLING PUMP DRIVE	MOTORS MOTOR	FP CLG P1 & 4B-SB 11653	N/A SIEMENS-AL LIS EL-8-5103-90232-1	FH21 236.	435042 M-13															
SPNT FUEL POOL COOL&CLNUP SF0004 FUEL POOL COOLING PUMP DRIVE	MOTORS MOTOR	FP CLG P2 & 3A-SA 11654	N/A SIEMENS-AL LIS EL-8-5103-90232-1	FH21 236.	435042 M-13															
SPNT FUEL POOL COOL&CLNUP SF0004 FUEL POOL COOLING PUMP DRIVE	MOTORS MOTOR	FP CLG P2 & 3B-SB 11655	N/A SIEMENS-AL LIS EL-8-5103-90232-1	FH21 236.	435042 M-13															

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT FLEV	SPEC SORT #	STDS	Q I					S/D							
SPNT FUEL POOL COOL&CLNUP SF0004 NEW FUEL POOL TEMP	PRIMARY ELEMENT THERMOCOUPLE	TE 1SF 51 L0A SA 01057 548-8854-2 REV B	WEED INSTRUMENT E48250G-68 A2	FH41 FUEL POOL 286.	435286 77 IN43 IN43-20	IEEE 344-75 323-74	A D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.35	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	FHB 28,172 262,19 115, 175	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SPNT FUEL POOL COOL&CLNUP SF0004 NEW FUEL POOL TEMP	PRIMARY ELEMENT THERMOCOUPLE	TE 1SF 51 0B SB 01056 548-8854-2 REV B	WEED INSTRUMENT E48250G-68 A2	FH41 FUEL POOL 286.	435286 78 IN43 IN43-20	IEEE 344-75 323-74	A D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.35	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	FHB 28,172 262,19 115, 175	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SPNT FUEL POOL COOL&CLNUP SF0004 SPENT FUEL POOL TEMP	PRIMARY ELEMENT THERMOCOUPLE	TE 1SF 51 10A SA 01083 548-8854-2 REV B	WEED INSTRUMENT E48250G-68 A2	FH41 FUEL POOL 286.	435286 79 IN43 IN43-20	IEEE 344-75 323-74	A D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.35	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	FHB 28,172 262,19 115, 175	RESPONSE SPECTRUM FOR DBE, OBE RESPECT.
SPNT FUEL POOL COOL&CLNUP SF0004 SPENT FUEL POOL TEMP	PRIMARY ELEMENT THERMOCOUPLE	TE 1SF 51 10B SB 01084 548-8854-2 REV B	WEED INSTRUMENT E48250G-68 A2	FH41 FUEL POOL 286.	435286 80 IN43 IN43-20	IEEE 344-75 323-74	A D	F/B 0.36 S/S 0.30 VERT 0.55	F/B 0.56 S/S 0.50 VERT 0.35	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	FHB 28,172 262,19 115, 175	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SPNT FUEL POOL COOL&CLNUP SF0004 FP A HT EXCH IN TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE41SF 51 60A S 01109 548-8854-2 REVB	WEED INSTRUMENT E48250G-(L)AS	FH21 CONN MTD 245.	435150 163 IN04 IN04-20	IEEE 344-75	A D	F/B 1.5 S/S 1.5 VERT 1	F/B 3 S/S 3 VERT 2	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	
SPNT FUEL POOL COOL&CLNUP SF0004 FP B HT EXCH IN TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE41SF 51 60B S 01110 548-8854-2 REV B	WEED INSTRUMENT E48250G-(L)AS	FH21 CONN MTD 245.	435150 ???? IN04 ?????? ??????	IEEE 344-75	A D	F/B 1.5 S/S 1.5 VERT 1	F/B 3 S/S 3 VERT 2	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	

TAGS INCLUDED: TE 1SF 5100A SA----TE41SF 5170A S
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
SPNT FUEL POOL COOL&CLNUP SF0004 FP B HT EXCH IN TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE41SF 51 70A S 01111 548-8854-2 REV 8	WEED INSTRUMENT E4B250G-(L)AS	FH21 CONN MTD 237.	435150 166 IN04 IN04-20	IEEE 344-75	A	C	F/B 1.5 S/S 1.5 VERT 1	F/B 3 S/S 3 VERT 2	YES	N/A	D	MF	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	
SPNT FUEL POOL COOL&CLNUP SF0004 FP B HT EXCH IN TEMP	PRIMARY ELEMENT TEMPERATURE PRIMARY ELEM	TE41SF 51 70B S 01112 548-8854-2 REV 8	WEED INSTRUMENT E4B250G-(L)AS	FH21 CONN MTD 237.	435150 166 IN04 IN04-20	IEEE 344-75	A	C	F/B 1.5 S/S 1.5 VERT 1	F/B 3 S/S 3 VERT 2	YES	N/A	D	MV	MD	N/A	MIN 82 HZ MAX 203 HZ	MIN 82 HZ MAX 203 HZ	N/A	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SPNT FUEL POOL COOL&CLNUP SF0004 RECIRC COOLING WTR TO FUEL POOLS	PUMPS SPTFUELPOOL COOLG PUMP	1ASA FUEL COOL PMP C8C69 ME-552	GOULDS PUMPS INC GOULDS PUMPS INC 3405L	FHB FLOOR MTD	435942 001 M-13 50-M13 -20	ASME SECT III 71ED SUMM 73ADD	A		.18G HOR .20G HOR .25G VERT	.25G HOR .32G HOR .38G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	EL 236 PT 8, 21,14, 6	
SPNT FUEL POOL COOL&CLNUP SF0004 DRIVER OF SPENTFUEL POOL COOLING PUMP	PUMPS SFP COOLING PUMP MOTOR	1ASA SFP COOL PUMP 08071 NQ8902321	GOULDS PUMPS INC SEIMENS ALLIS INC 445TS	FHB FLOOR MTD	435942 001 M-13 50-M13 -20	IEEE 344-75	A		.18G HOR .20G HOR .25G VER	.28G HOR .32G HOR .38G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	EL 236 PT 8, 21,14, 6	
SPNT FUEL POOL COOL&CLNUP SF0004 RECIRC COOLING WTR TO FUEL POOLS	PUMPS SPTFUELPOOL COOLG PUMP	1BSB FUEL COOL PMP 08087 ME-552	GOULDS PUMPS INC GOULDS PUMPS INC 3405L	FHB FLOOR MTD	435942 001 M-13 50-M13 -20	ASME SECT III 71ED SUMM 73ADD	A		.18G HOR .20G HOR .25G VER	.23G HOR .32G HOR .38G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	EL 236 PT 8, 21,14, 6	
SPNT FUEL POOL COOL&CLNUP SF0004 DRIVER OF SPENTFUEL POOL COOLING PUMP	PUMPS SFP COOLING PUMP MOTOR	1BSB SFP COOL PUMP 08089 NQ8902321	GOULD PUMPS INC SIEMENS-ALLIS INC 445TS	FLOOR MTD	435942 001 M-13 50-M13 -20	IEEE 344-75	A		.18G HOR .20G HOR .25G VER	.23G HOR .32G HOR .38G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	EL 236 PT 8, 21,14, 6	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
SPNT FUEL POOL COOL&CLNUP SF0004 NFP INLET FLOW UNIT 1&4	SENSORS FLOW TRANSMITTER	FT41SF 5100A S 01049 108025RB 108026RA	ROSEMOUNT 1153DB4	FH21 F-R 1 235.	435102 30 IN01 IN01-20	IEEE 344-75	A	C	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	FHB 31,127 183,46 190, 274	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SPNT FUEL POOL COOL&CLNUP SF0004 NFP INLET FLOW UNIT 1&4	SENSORS FLOW TRANSMITTER	FT41SF 5100B S 01050 108025RB 108026RA	ROSEMOUNT 1153DB4	FH21 F-R 2 235.	435102 31 IN01 IN01-20	IEEE 344-75	A	C	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	FHB 31,127 183,46 190, 274	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SPNT FUEL POOL COOL&CLNUP SF0004 SFP INLET FLOW UNIT 1&4	SENSORS FLOW TRANSMITTER	FT41SF 5100A S 01074 108025RB 108026RA	ROSEMOUNT 1153DB5	FH21 F-R 1 235.	435102 32 IN01 IN01-20	IEEE 344-75	A	C	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	FHB 31,127 183,46 190, 274	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SPNT FUEL POOL COOL&CLNUP SF0004 SFP INLET FLOW UNIT 1&4	SENSORS FLOW TRANSMITTER	FT41SF 5100B S 01075 108025RB 108026RA	ROSEMOUNT 1153DB5	FH21 F-R 2 236.	435102 33 IN01 IN01-20	IEEE 344-75	A		F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	FHB 31,127 183,46 190, 274	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SPNT FUEL POOL COOL&CLNUP SF0004 SFP A HDR LO PRESS	SENSORS PRESSURE TRANSMITTER	PT41SF 5140A S 01107 108025RB 108026RA	ROSEMOUNT 1153GB7	FH21 F-R 7 235.	435102 209 IN01 IN01-20	IEEE 344-75	A	C	F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	FHB 31,127 183,46 190, 274	RESPONSE SPECTRUM FOR DBE, OBE RESPECT
SPNT FUEL POOL COOL&CLNUP SF0004 SFP B HDR LO PRESS	SENSORS PRESSURE TRANSMITTER	PT41SF 5140B S 01108 108025RB 108026RA	ROSEMOUNT 1153GB7	FH21 F-R 7 235.	435102 210 IN01 IN01-20	IEEE 344-75	A		F/B 0.30 S/S 0.30 VERT 0.30	F/B 0.45 S/S 0.45 VERT 0.45	YES	N/A	NA	MF	MD	>33 HZ	>33 HZ	>21 HZ	FHB 31,127 183,46 190, 274	RESPONSE SPECTRUM FOR DBE, OBE RESPECT

TAGS INCLUDED: FT41SF 5100A S ----TT 1SF 5100A SA
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	ELOC	PO/ITY	QUAL	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	CODES STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SPNT FUEL POOL COOL&CLNUP SF0004 NEW FUEL POOL TEMP	SENSORS TEMPERATURE TRANSMITTER	TT 1SF 51 00A SA 01066 ESE-13	WESTINGH'SE WISD VLL14	AB52 PIC-C9 305.	435002 A-72	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA812-37,88 212 10,60 191	TT5100A
SPNT FUEL POOL COOL&CLNUP SF0004 NEW FUEL POOL TEMP	SENSORS TEMPERATURE TRANSMITTER	TT 1SF 51 00B SB 01067 ESE-13	WESTINGH'SE WISD VLL14 WS0-3	AB52 PIC-C10 305.	435002 A-72	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA812-37,88 212 10,60 191	TT5100A
SPNT FUEL POOL COOL&CLNUP SF0004 SPENT FUEL POOL TEMP	SENSORS TEMPERATURE TRANSMITTER	TT 1SF 51 10A SA 01094 ESE-13	WESTINGH'SE WISD VLL14 WS0-3	AB52 PIC-C9 305.	435002 A-72	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RA812-37,88 212 10,60 191	TT5110A
SPNT FUEL POOL COOL&CLNUP SF0004 SPENT FUEL POOL TEMP	SENSORS TEMPERATURE TRANSMITTER	TT 1SF 51 10B SB 01093 ESE-13	WESTINGH'SE WISD VLL14	AB52 PIC-C10 305.	435002 A-72	IEEE 323-74,344-75	A	B			X			MF	MD	<33 HZ	<33 HZ	<33 HZ	RB12-37,88 212 10,60 191	TT5110B

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
SPNT FUEL POOL COOL&CLNUP SF0004 SFP PMP 1&4A-S A SUCT.	SPECIALT IES STRAINER 16	3SF-S3SA-1&4 05749 REPORT # 678A	ZURN INDUSTRIE ZURN INDUSTRIE 514	FH21 FLOOR MTD 236	435163 003 M-497 50-M49 Z-23	ASME SECT III 74ED WINTR 76ADD	A		.16G HOR .13G HOR .2G VER	.3G HOR .22G HOR .33 VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	FHB EL 236 PT .8 PT .14	
SPNT FUEL POOL COOL&CLNUP SF0004 SFP 1&4B-SB PMP SUCTION	SPECIALT IES STRAINER 16	3SF-S4SB-1&4 05752 REPORT # 678A	ZURN INDUSTRIE ZURN INDUSTRIE 514	FH21 FLOOR MTD 236	435163 003 M-497 50-M49 Z-23	ASME SECT III 74ED WINTR 76ADD	A	C	.16G HOR .13G HOR .2G VER	.3G HOR .22G HOR .33 VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	FHB EL 236 PT .8 PT .14	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
SPNT FUEL POOL COOL&CLNUP SF0004 REFUELING CAVITY UNIT 1 INLET FROM SFPCCS	VALVES DIAPHRAGM 4	2SF-D164S A-1 05792 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2-150-HWO-DIA	CB21 PIPE MTD 236.	435157 007 M-41 SQ-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SPNT FUEL POOL COOL&CLNUP SF0004 REFUELING CAVITY UNIT 1 INLET FROM SFPCCS	VALVES DIAPHRAGM 4	2SF-D165S A-1 05793 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2-150-HWO-DIA	FH21 PIPE MTD 236.	435157 007 M-41 SQ-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 REFUEL CAVITY UNIT 1 TO SFPCCS EURIF PMP	VALVES DIAPHRAGM 4	2SF-D25SA -1 05777 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2-150-HWO-DIA	CB21 PIPE MTD 236.	435157 007 M-41 SQ-M41 -20	ASME SECT III NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
SPNT FUEL POOL COOL&CLNUP SF0004 REFUEL CAVITY UNIT 1 TO SFPCCS PURIF PMP	VALVES DIAPHRAGM 4	2SF-D26SA -1 05778 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2-150-HWO-DIA	FH21 PIPE MTD 236.	435157 007 M-41 SQ-M41 -20	ASME SECT III NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 SFP PMP 1&4A-SA SUCT.	VALVES BUTTERFLY 16	3SF-B1SA-1&4 05747 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 001 M-44 SQ-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 SFP PMP 1&4B-SB DISCH	VALVES BUTTERFLY 12	3SF-B1DSB-1&4 05757 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 009 M-44 SQ-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2SF-D164SA-1 ----3SF-911SN-1&4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SOPT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SPNT FUEL POOL COOL&CLNUP SF0004 SFP PMPS CONN TO TRANSFER CANAL .	VALVES BUTTERFLY 12	3SF-B11SN-184 05767 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 HYDRO PRESS FROM POOL TO 1ST ISOL VALVE TO	VALVES BUTTERFLY 12	3SF-B15SB-184 05761 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 SFP PMPS CONN TO TRANSFER CANAL	VALVES BUTTERFLY 12	3SF-B16SN-184 05768 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 RWST TO SF POOL PMP 184A-SA SUCTION	VALVES BUTTERFLY 12	3SF-B17SA-1 05781 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 SFP 184B-SB PMP SUCTION	VALVES BUTTERFLY 16	3SF-B18SB-184 05751 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 001 M-44 50-M44 -20	ASME SECT III	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 HYDRO PRESS FROM POOL TO 1ST ISOL VALVE TO	VALVES BUTTERFLY 12	3SF-B19SA-184 05759 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III 77 ED	A	D		3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SF-B11SN-184 ----3SF-B2SB-184
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SPNT FUEL POOL COOL&CLNUP SFOOO4 SFP 1&4B-SB PMP SUCTION	VALVES BUTTERFLY 16	3SF-B2SB-1&4 05750 JHA-77-99/284C3	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 001 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SFOOO4 SFP PMP 1&4A-SA SUCT.	VALVES BUTTERFLY 16	3SF-B20SA-1&4 05748 JHA-77-99/284C3	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236.	435093 001 M-44 50-M44 -20	ASME SECT III	A		1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SFOOO4 NFP DISCHARGE TO 1&4B-SB PUMP SUCTION	VALVES BUTTERFLY 12	3SF-B21SB-1&4 05795 JHA-77-99/284C3	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SFOOO4 NFP DISCHARGE TO 1&4A-SA PUMP SUCTION	VALVES BUTTERFLY 12	3SF-B22SA-1&4 05798 JHA-77-99/284C3	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SFOOO4 HYDRO PRESS FROM POOL TO 1ST ISOL VALVE TO	VALVES BUTTERFLY 12	3SF-B24SB-1&4 05762 JHA-77-99/284C3	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SFOOO4 HYDRO PRESS FROM POOL TO 1ST ISOL VALVE TO	VALVES BUTTERFLY 12	3SF-B25SB-1&4 05800 JHA-77-99/284C3	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SF-B2SB-1&4 ----3SF-B26SA-1&4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
SFNT FUEL POOL COOL&CLNUP SF0004 HYDRO PRESS FR OM POOL TO 1ST ISOL VALVE TO	VALVES BUTTERFLY 12	3SF-B26SA -184 05803 JHA-77-99 /28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SFNT FUEL POOL COOL&CLNUP SF0004 HYDRO PRESS FR OM POOL TO 1ST ISOL VALVE TO	VALVES BUTTERFLY 12	3SF-B28SA -184 05760 JHA-77-99 /28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SFNT FUEL POOL COOL&CLNUP SF0004 INLET TO SFPCC S PURIF PMP	VALVES BUTTERFLY 12	3SF-B29SA -184 05769 JHA-77-99 /28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M41 -20	ASME SECT III	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SFNT FUEL POOL COOL&CLNUP SF0004 SFP PMP 184A-S A DISCH	VALVES BUTTERFLY 12	3SF-B3SA- 184 05753 JHA-77-99 /28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M41 -20	ASME SECT III	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SFNT FUEL POOL COOL&CLNUP SF0004 INLET TO SFPCC S PURIF PMP	VALVES BUTTERFLY 12	3SF-B30SB -184 05770 JHA-77-99 /28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SFNT FUEL POOL COOL&CLNUP SF0004 OUTLET TO FUEL POOLS PURIFIC ATINN PUMP	VALVES BUTTERFLY 4	3SF-B31SN -184 05816 JHA-77-99 /28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 003 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SF-B26SA-184 ----3SF-B32SA-184
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
SPNT FUEL POOL COOL&CLNUP SF0004 SFPCCS PURIF PMP INLET	VALVES BUTTERFLY 4	3SF-B32SA-1&4 05799 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 003 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 CROSS CONN BETW SFP INLETS COMMON TO UNIT	VALVES BUTTERFLY 4	3SF-B33SB-1&4 05819 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE 236	435093 003 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 INLET TO NFP FROM FPCS PURIFICATION PUMP	VALVES BUTTERFLY 4	3SF-B34SA-1&4 05805 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 003 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 CROSS CONNECTION BETWEEN NFP INLETS	VALVES BUTTERFLY 4	3SF-B35SB-1&4 05802 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 003 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 SFP PMP 1&B-SB DISCH	VALVES BUTTERFLY 12	3SF-B4SB-1&4 05756 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 EMERGENCY COOLING CONN ON SFP PMP 1&4A-SA	VALVES BUTTERFLY 16	3SF-B5SA-1&4 05763 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 235.	435093 001 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SF-B32SA-1&4 ----3SF-B6SB-1&4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS													
			MODEL NO	ELEV	SORT #		Q	I	ORE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
SPNT FUEL POOL COOL&CLNUP SF0004 EMERGENCY COOL ING CONN ON SF P PMP 1&4B-SB	VALVES BUTTERFLY 16	3SF-B6SB-1&4 05764 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236.	435093 002 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA
SPNT FUEL POOL COOL&CLNUP SF0004 EMERGENCY COOL ING CONN ON SF P PMP 1&4A-SA	VALVES BUTTERFLY 12	3SF-B7SA-1&4 05765 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8963-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA
SPNT FUEL POOL COOL&CLNUP SF0004 EMERGENCY COOL ING CONN ON SF P PMP 1&4B-SB	VALVES BUTTERFLY 12	3SF-B8SB-1&4 05766 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 002 M-44 50-M44 -20	ASME SECT III 77 ED	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA
SPNT FUEL POOL COOL&CLNUP SF0004 SFP PMP 1&4A-SA DISCH	VALVES BUTTERFLY 12	3SF-B9SA-1&4 05754 JHA-77-99/28403	JAMESBURY CORP JAMESBURY CORPORATI 8966-KA	FH21 PIPE MTD 236	435093 009 M-44 50-M44 -20	ASME SECT III	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA
SPNT FUEL POOL COOL&CLNUP SF0004 DRAIN CONN ON STRAINER 1&4A-SA	VALVES DIAPHRAGM 1	3SF-D15SA-1&4 05771 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA
SPNT FUEL POOL COOL&CLNUP SF0004 PT 5140B ON SF P PMP 1&4B-SB DISCH	VALVES DIAPHRAGM 1	3SF-D159S B-1&4 05788 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA

TAGS INCLUDED: 3SF-B6SB-1&4 ----3SF-D16USA-1&4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SPNT FUEL POOL COOL&CLNUP SF0004 PT 5140A ON SF P PMP 184A-SA DISCH	VALVES DIAPHRAGM 1	3SF-D160S A-184 . 05787 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 PX ON SFP HX 1 84B-SB INLET	VALVES DIAPHRAGM 1	3SF-D162S B-184 05790 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 PX ON SFP HX 1 84B-SB OUTLET	VALVES DIAPHRAGM 1	3SF-D163S B-184 05791 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 PX ON SFP HX 1 84A-SA INLET	VALVES DIAPHRAGM 1	3SF-D167S A-184 05789 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 PX ON SFP PMP 184A-SA SUCT	VALVES DIAPHRAGM 1	3SF-D168S A-184 05773 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 PDS ON	VALVES DIAPHRAGM 3/4	3SF-D169S A-184 05784 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SF-D160SA-184 ----3SF-D17SB-184
SORT TYPE:SYSOES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SPNT FUEL POOL COOL&CLNUP SF0004 DRAIN CONN ON STRAINER 184B-SB	VALVES DIAPHRAG M 1	3SF-D17SB-184 05772 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 PDS ON SFP PMP 184A-SA SUCT	VALVES DIAPHRAG M 1	3SF-D170S A-184 05783 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 PDS ON SFP PMP 184B-SB SUCT	VALVES DIAPHRAG M 1	3SF-D173S B-184 05785 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 PDS ON SFP PMP 184B-SB SUCT	VALVES DIAPHRAG M 3/4	3SF-D174S B-184 05786 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 PX ON SFP PMP 184B-SB SUCTION	VALVES DIAPHRAG M 1	3SF-D175S B-184 05774 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 PX ON SFP HX 1 84A-SA OUTLET	VALVES DIAPHRAG M 1	3SF-D178S A-184 05794 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SF-D17SB-184 ----3SF-D19SA-184
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SPNT FUEL POOL COOL&CLNUP SF0004 VENT ON FP COOLG PMP 1&4A-SA	VALVES DIAPHRAGM 1	3SF-D19SA-1&4 C5780 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 VENT ON SFP HX 1&4A-SA COMMON TO UNIT	VALVES DIAPHRAGM 1	3SF-D199SA-1&4 C5812 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 DRAIN ON SFP HX 1&4A-SA COMMON TO UNIT	VALVES DIAPHRAGM 1	3SF-D200SA-1&4 C5807 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 VENT ON SFP HX 1&4B-SB COMMON TO UNIT	VALVES DIAPHRAGM 1	3SF-D201SB-1&4 C5813 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 DRAIN ON SFP HX 1&4B-SB COMMON TO UNIT	VALVES DIAPHRAGM 1	3SF-D202SB-1&4 C5806 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 DRN FROM FPC PMP 1&4B-SB TO TO EQUIP DRN	VALVES DIAPHRAGM 1	3SF-D203SB-1&4 C5808 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SF-D19SA-1&4 ----3SF-D204SB-1&4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SPNT FUEL POOL COOL&CLNUP SF0004 DRN FROM FPC P MP 1B4B-SB TO TO EQUIP DRN	VALVES DIAPHRAGM 1	3SF-D204S B-184 05809 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 DRN FROM FPC P MP 1B4A-SA TO EQUIP DRN	VALVES DIAPHRAGM 1	3SF-D205S A-184 05810 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 DRN FROM FPC P MP 1B4A-SA TO EQUIP DRN	VALVES DIAPHRAGM 1	3SF-D206S A-184 05811 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 VENT ON FP COO LG PMP 1B4B-SB	VALVES DIAPHRAGM 1	3SF-D21SB -184 05779 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 DRN FROM SFP H X 1B4B-SB TO EQUIP DRN	VALVES DIAPHRAGM 1	3SF-D215S B-184 05815 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 DRN FROM SFP H X 1B4A-SA TO EQUIP DRN	VALVES DIAPHRAGM 1	3SF-D216S A-184 05814 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 015 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SF-D204SB-184 ----3SF-D5SA-184
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
SPNT FUEL POOL COOL&CLNUP SF0004 PI 513UA ON SF P PMP 1&4A-SA DISCH	VALVES DIAPHRAG M 1	3SF-D5SA-1&4 05775 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 115 M-41 59-M41 -20	ASME SECT III SUB NC&ND 77ED	A	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 PI 5130B ON SF P PMP 1&4B-SB DISCH	VALVES DIAPHRAG M 1	3SF-D6SB-1&4 05776 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	FH21 PIPE MTD 236.	435157 115 M-41 59-M41 -20	ASME SECT III SUB NC&ND 77ED	A D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 SFP PMP 1&4A-SA DISCH	VALVES CHECK WAFER12	3SF-V1SA-1&4 05755 REPORT NO. ONE	TRW MISSION TRW MISSION K15DPFT04	FH21 PIPE MTD 236.	435139 101 M-79 59-M79 -20	ASME SECT III 74ED	A D	1.5G HOR 1 G VERT	3G HOR 2G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 DRAIN ON LINE 3SF12-174SA	VALVES GLOBE 1	3SF-V19SA-1&4 05797 952677-02	YARWAY YARWAY 5515B-F316	FH21 PIPE MTD 236.	435056 011 M-34Y 59-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 SFP PMP 1&4B-SB DISCH	VALVES CHECK WAFER12	3SF-V2SB-1&4 05758 REPORT NO. ONE	TRW MISSION TRW MISSION K15DPF504 4	FH21 PIPE MTD 236.	435139 001 M-79 59-M79 -20	ASME SECT III 74ED	A D	1.5G HOR 1 G VERT	3G HOR 2G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SF0004 DRAIN ON LINE 3SF12-171SB	VALVES GLOBE 1	3SF-V20SB-1&4 05796 952677-02	YARWAY YARWAY 5515B-F316	FH21 PIPE MTD 236.	435056 011 M-34Y 59-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	1.5G HOR 1 G VERT	3 G HOR 2 G VER	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3SF-D5SA-1&4 ----3SF-V21SA-1&4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q I												
			MODEL NO	ELEV	SORT #														
SPNT FUEL POOL	VALVES	3SF-V21SA	YARWAY	FH21	435056	ASME	A	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
COOL&CLNUP		-1&4		PIPE	011	SECT		HOR	HOR						HZ	HZ	HZ		
SFOCC4		05804	YARWAY	MTD	M-36Y	III		1 G	2 G										
DRAIN ON LINE	GLOBE	952677-02			50-436	74ED		VERT	VER										
3SF12-179SA	1		5515B-F316	236.	Y-20	WINTR													
						76ADD													
SPNT FUEL POOL	VALVES	3SF-V22SB	YARWAY	FH21	435056	ASME	A	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
COOL&CLNUP		-1&4		PIPE	011	SECT	D	HOR	HOR						HZ	HZ	HZ		
SFOCC4		05801	YARWAY	MTD	M-36Y	III		1 G	2 G										
DRAIN ON LINE	GLOBE	952677-02			50-436	74ED		VERT	VER										
3SF12-176SB	1		5515B-F316	236.	Y-20	WINTR													
						76ADD													
SPNT FUEL POOL	VALVES	3SF-V37SB	YARWAY	FH21	435056	ASME	A	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
COOL&CLNUP		-1&4		PIPE	014	SECT	D	HOR	HOR						HZ	HZ	HZ		
SFOCC4		05817	YARWAY	MTD	M-36Y	III		1 G	2 G										
FT 510OB ON IN	GLOBE	922677-01			50-436	74ED		VERT	VER										
LET TO NEW FUE	3/4		5515B-F316	236.	Y-20	WINTR													
L POOL						76ADD													
SPNT FUEL POOL	VALVES	3SF-V38SB	YARWAY	FH21	435056	ASME	A	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
COOL&CLNUP		-1&4		PIPE	014	SECT	D	HOR	HOR						HZ	HZ	HZ		
SFOCC4		05818	YARWAY	MTD	M-36Y	III		1 G	2 G										
FT 510OB ON IN	GLOBE	922677-01			50-436	74ED		VERT	VER										
LET TO NEW FUE	3/4		5515B-F316	236.	Y-20	WINTR													
L POOL						76ADD													
SPNT FUEL POOL	VALVES	3SF-V39SB	YARWAY	FH21	435056	ASME	A	1.5G	3 G	X		S	NA		>33	>33	>33	NA	
COOL&CLNUP		-1&4		PIPE	014	SECT		HOR	HOR						HZ	HZ	HZ		
SFOCC4		05820	YARWAY	MTD	M-36Y	III		1 G	2 G										
FT 511OA ON SF	GLOBE	952677-01			50-436	74ED		VERT	VER										
P INLET	3/4		5515B-F316	236.	Y-20	WINTR													
COMMON TO UNIT						76ADD													
SPNT FUEL POOL	VALVES	3SF-V4SN-	ANCHOR	FHB	435013	ASME	A	1.5G	3.G	X		S	N/A		>33	>33	>33	NA	
COOL&CLNUP		1&4	DARLING V	PIPE	072	SECT	C	HOR	HOR						HZ	HZ	HZ		
SFOCC4		05782	ANCHOR	MTD	M-37A	III		1 G	2G										
INLET TO TRANS	GATE	SOE9C74	DARLING V		50-437	71ED		VER	VER										
FER CANAL	12		12"150#,G	236.	A-20	SUM													
						72ADD													

TAGS INCLUDED: 3SF-V21SA-1&4 ----3SF-V40SB-1&4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SPRT #	CODES STDS	TUS Q	I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
SPNT FUEL POOL COOL&CLNUP SFOOO4 FT 5110A ON SF P INLET COMMON TO UNIT	VALVES GLOBE 3/4	3SF-V40SB -1&4 05821 952677-01	YARWAY YARWAY 5515B-F316	FH21 PIPE MTD 236.	435056 014 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SFOOO4 FT 5110B ON SF P INLET COMMON TO UNIT	VALVES GLOBE 3/4	3SF-V41SB -1&4 05822 952677-01	YARWAY YARWAY 5515B-F316	FH21 PIPE MTD 236.	435056 014 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SFOOO4 FT 5110B ON SF P INLET COMMON TO UNIT	VALVES GLOBE 3/4	3SF-V42SB -1&4 05823 952677-01	YARWAY YARWAY 5515B-F316	FH21 PIPE MTD 236.	435056 014 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SFOOO4 FT 5100A ON.NF P INLET COMMON TO UNIT	VALVES GLOBE 3/4	3SF-V43SA -1&4 05824 952677-01	YARWAY YARWAY 5515B-F316	FH21 PIPE MTD 236.	435056 014 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SFOOO4 FT 5100A ON NF P INLET COMMON TO UNIT	VALVES GLOBE 3/4	3SF-V44SA -1&4 05825 952677-01	YARWAY YARWAY 5515B-F316	FH21 PIPE MTD 236.	435056 014 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A	D	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
SPNT FUEL POOL COOL&CLNUP SFOOO4 VENT ON LINE 3 SF-12-174SA	VALVES GLOBE 1	3SF-V48SA -1 06778 952677-02	YARWAY YARWAY 5515B-F316	FH21 PIPE MTD 236.	435056 011 M-36Y 50-M36 Y-20	ASME SECT III 74ED WINTR 76ADD	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR GENERATR CNTL-PNL	CP-1A DIESEL GN 10691 74046-711 -3	DELAVAL RTE-DELTA	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A		0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR ENGINE CNTL-PNL	CP-1A-SA DG ENGINE 10689 74046-711 -3	DELAVAL DELAVAL	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A		0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR GENERATR CNTL-PNL	CP-1B DIESEL GN 10692 74046-711 -3	DELAVAL DELAVAL	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A		0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR ENGINE CNTL-PNL	CP-1B-SB DG ENGINE 10690 74046-711 -3	DELAVAL DELAVAL	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A		0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR GENERATOR	EMER DSL GEN 1ASA 10679 74046-711-4-1	DELAVAL ELECT PROD DSRV-16-4	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A	B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR ENGINE	EMER DSL GEN 1ASA 10681 74046-711-1	DELAVAL DELAVAL DSRV-16-4	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A		0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR ENGINE AUXILIARIES	EMER DSL GEN 1ASA 10683 74046-711 -1,2	DELAVAL VARIOUS	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A	B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR TERMINAL BOX	EMER DSL GEN 1ASA 10685 74046-711 -4-2	DELAVAL ELECT PROD	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A		0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR MOTOR CONTROLLERS	EMER DSL GEN 1ASA 10687 SC-409	DELAVAL GOULD	DG31 FLOOR WALL 261.	435079 E-11 11	IEEE 344 -75	A		0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR START AIR COMP	EMER DSL GEN 1ASA 11513 74046-711 -4 ADD 1	DELAVAL INGERSOLL RAND H251BKMX-2	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A	B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER	DIESEL GENERATOR START AIR COMP	EMER DSL GEN 1ASA 11515 74046-711 -4 ADD 2	DELAVAL AD-PRO IND PR TYPE	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A	B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR LADDER & PLATFORM	EMER DSL GEN 1ASA 11517 74046-717	DELAVAL	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A	B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	

TAGS INCLUDED: EMER DSL GEN 1A----EMER DSL GEN 1B
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR GENERATOR	EMER DSL GEN 1BSB 10680 74046-711-4-1	DELAVAL ELECT PROD DSRV-16-4 PR TYPE	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR ENGINE	EMER DSL GEN 1BSB 10682 74046-711-1	DELAVAL DELAVAL	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR ENGINE AUXILIARIES	EMER DSL GEN 1BSB 10684 74046-711-1,2	DELAVAL VARIOUS	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR TERMINAL BOX	EMER DSL GEN 1BSB 10686 74046-711-4-2	DELAVAL ELECT PROD	DG31 FLOOR 261.	435079 E-11 11	IEEE 344 -75	A B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR MOTOR CONTROLLERS	EMER DSL GEN 1BSB 10688 SC-409	DELAVAL GOULD	DG31 FLOOR WALL 261.	435079 E-11 11	IEEE 344 -75	A B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR VALVES	EMER DSL GEN 1BSB 11512 74046-711-1 ATT 1	DELAVAL FULFLO & POWELL SVSF605415	DG31 261.	435079 E-11 11	IEEE 344 -75	A B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	

TAGS INCLUDED: EMER DSL GEN 1B----EMER DSL GEN 1B
SORT TYPE:SYSDES,FQTYP GLOBAL REV#- C 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR	EMER DSL GEN 1BSB 11514	DELAVAL	DG31 FLOOR	435079 E-11 11	IEEE 344 -75	A	B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
	START AIR COMP	74046-711 -4 ADD 1	INGERSOLL RAND H251BKMX-2	261.																
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR	EMER DSL GEN 1BSB 11516	DELAVAL	DG31 FLOOR	435079 E-11 11	IEEE 344 -75	A	B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
	START AIR DRYER	74046-711 -4 ADD 2	AD-PRO-IND PR TYPE	261.																
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR	EMER DSL GEN 1BSB 11518	DELAVAL	DG31 FLOOR	435079 E-11 11	IEEE 344 -75	A	B	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
	LADDER & PLATFORM	74046-717		261.																
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR	EMER. DSL GEN 1ASA 11511	DELAVAL	DG31	435079 E-11 11	IEEE 344 -75	A		0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
	VALVES	74046-711 -1 ATT 1	FULFLO & POWELL SVSF605415	261.																
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR	NEUT GRD RES 1A 10693	DELAVAL	DG31 FLOOR	435079 E-11 11	IEEE 344 -75	A	C	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
	GROUNDG RESISTOR	74046-711 -3	GE	261.																
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR	NEUT GRD RES 1B 10694	DELAVAL	DG31 FLOOR	435079 E-11 11	IEEE 344 -75	A	C	0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 283, 312, 320	
	GROUNDG RESISTOR	74046-711 -3	GE	261.																

TAGS INCLUDED: EMER DSL GEN 1B----NEUT GRD TRANSF
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1625
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STOS	Q	I												
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR	NEUT GRD TRANSF 1A 10695	DELAVAL GE	DG31 FLOOR 261.	435079 F-11 11	IEEE 344 -75	A		0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
	GROUNDG TRANSFMR	74046-711 -3																		
STANDBY DIESEL GEN. DG0101 STANDBY POWER SOURCE	DIESEL GENERATOR	NEUT GRD TRANSF 1B 10696	DELAVAL GE	DG31 FLOOR 261.	435079 F-11 11	IEEE 344 -75	A		0.15 S/S 0.15 F/B 0.24 V	0.23 S/S 0.23 F/B 0.35 V	X			MF	MD				190, 225, 237, 288, 312, 320	
	GROUNDG TRANSFMR	74046-711 -3																		

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ.	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
STANDBY DIESEL GEN. DG0101	RELAYS	RLY XDG32 63-CR 11167	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARPRE 3A-SA	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
----- E	RADIATION SIG.CO ND.OR FU	15761	MDR131-1	305.	20															
STANDBY DIESEL GEN. DG0101	RELAYS	RLY XDG32 65-CR2 11163	SYSTEM CONTROL POTTER BRUMFIELD	AB52 SPARE	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
----- E	RADIATION SIG.CO ND.OR FU	15761	MDR131-1	305.	20															
STANDBY DIESEL GEN. DG0101	RELAYS	RLY XDG32 74-CR 11144	SYSTEM CONTROL POTTER BRUMFIELD	AB52 SPARE	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA.	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
----- E	RADIATION SIG.CO ND.OR FU	15761	MDR131-1	305.	20															
STANDBY DIESEL GEN. DG0101	RELAYS	RLY XDG32 76-CR2 11140	SYSTEM CONTROL POTTER BRUMFIELD	AB52 SPARE	435246 IN13 IN13-	IEEE-323-74 344-75	A		S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
----- E	RADIATION SIG.CO ND.OR FU	15761	MDR131-1	305.	20															
STANDBY DIESEL GEN. DG0101 CNMT SPRAY MANUAL ACT AUX RELAY	RELAYS	RLY 1DG11 D102 11178	SYSTEM CONTROL AGASTAT	AB43 ESS1A SA	435248 IN27 IN27-	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING
	RADIATION SIG.CO ND.OR FU	15761	7012 PBL	286.	20															
STANDBY DIESEL GEN. DG0101 PROG A & B START RELAY	RELAYS	RLY 1DG11 C202 12111	AGASTAT	ESS1A SA	435248 IN27															
	RADIATION SIG.CO ND.OR FU		7012 PCLL																	

TAGS INCLUDED: RLY XDG3263-CR ----RLY 1DG110402-2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 0402-2 12079	AGASTAT TR14D3B	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 0402-3 12081	AGASTAT TR14D3B	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 0402-4 12083	AGASTAT TR14D3B	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY (PROG.A TO PROG.B)	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 0462-1 11180 11173WHE 1526803	SYSTEM CONTROL AGASTAT 7024 PBT	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 0502-1 12085	AGASTAT TR14D3C	ESS1A SA	435243 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 0502-2 12087	AGASTAT TR14D3C	ESS1A SA	435248 IN27														

TAGS INCLUDED: RLY 1DG1104C2-2----RLY 1DG110502-3
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 0502-3 12089	AGASTAT TR14D3C	ESS1A SA	435248 IN27															
STANDBY DIESEL GEN. DG0101 PROG. B ON AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 0602-2 11184 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY (PROG.B TO PROG.C)	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 0662-1 11182 15761	SYSTEM CONTROL AGASTAT 7024 PBT	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 0662-3 11208 15761	SYSTEM CONTROL AGASTAT 7022PB	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 1 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 0702 11234 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 1 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 0802-2 11237 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING

TAGS INCLUDED: RLY 1DG110502-3----RLY 1DG111002-2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST FEP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1002-2 11240 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1002-3 11242 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE. 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1002-4 11244 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 3 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1102-1 11246 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 3 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1102-1 11248 15761	SYSTEM CONTROL AGASTAT TR14D3B	ESS1A SA	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 3 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1102-2 12065	AGASTAT TR14D3C	ESS1A SA	435248 IN27														

TAGS INCLUDED: RLY 1DG111002-2----RLY 1DG111202-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
STANDBY DIESEL GEN. DG01C1 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1202-1 11250 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01C1 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1202-2 11252 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435249 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01C1 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1202-3 11254 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01C1 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1202-4 11256 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01C1 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1202-5 11258 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01C1 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1202-6 11260 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435243 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING

TAGS INCLUDED: RLY 1DG111202-1----RLY 1DG111302-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q I												
			MODEL NO	ELEV	SORT #														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1302-1 11262 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1302-2 11264 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 5 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1302-3 11266 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1402-2 11270 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1402-3 11272 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1402-4 11274 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING

TAGS INCLUDED: RLY 1DG1113C2-1----RLY 1DG111402-5
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1402-5 11276 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1402-6 11278 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1402-7 12066	AGASTAT TR14D3C	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1402-8 11282 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1502-1 11284 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1502-2 11286 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTHCOMING

TAGS INCLUDED: RLY 1DG111402-5----RLY 1DG111502-3
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
STANDBY DIESEL GEN. DG01U1 LOAD BBLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1502-3 11288 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RA31-15,64,104,152,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1502-4 12067	AGASTAT TR14D3C	ESS1A SA	435248 IN27															
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1602-1 11186 15761	SYSTEM CONTROL AGASTAT TR14D3G	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RA31-15,64,104,152,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 7 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1602-2 12069	AGASTAT TR14D3B	ESS1A SA	435248 IN27															
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 7 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1602-3 12071	AGASTAT TR14D3D	ESS1A SA	435248 IN27															
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 7 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1602-4 12073	AGASTAT TR14D3D	ESS1A SA	435248 IN27															

TAGS INCLUDED: RLY 1DG111502-3----RLY 1DG111602-5
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q I												
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 8 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1602-5 12C75	AGASTAT TR14D3D	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 8 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1602-6 12C77	AGASTAT TR14D3D	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1702-1 12C92	AGASTAT TR14D3B	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1702-2 12C94	AGASTAT TR14D3B	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1702-3 12C95	AGASTAT TR14D3B	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1702-4 12C97	AGASTAT TR14D3B	ESS1A SA	435248 IN27														

TAGS INCLUDED: RLY 1DG1116C2-5----RLY 1DG111802-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV1- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1802-1 12099	AGASTAT TR14D3B	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 5 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1802-2 12101	AGASTAT TR14D3C	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 5 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1802-3 12103	AGASTAT TR14D3C	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1902-1 12105	AGASTAT TR14D3C	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1902-2 12107	AGASTAT TR14D3C	ESS1A SA	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 1902-3 12109	AGASTAT TR14D3B	ESS1A SA	435248 IN27														

TAGS INCLUDED: RLY 1DG111802-1----RLY 1DG112002
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q I												
STANDBY DIESEL GEN. DGC1D1 CHILLER BKR CL OSED AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 2002 11188 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 UNDER VOLTAGE BY-PASS AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 2102 11220 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 CIAS SEAL-IN RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 2562-1 11192 15761	SYSTEM CONTROL AGASTAT 7024PE	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DGG1G1 LOSS OF DC TO CONTROL CIRCUIT	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 2562-2 11206 15761	SYSTEM CONTROL AGASTAT 7C22PB	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DGC1C1 TESTING BUS TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 3862-1 11200 15761	SYSTEM CONTROL AGASTAT 7024PB	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DGG1C1 SEQ TEST TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 3862-2 12115	AGASTAT 7J24 PCT	ESS1A SA	435248 IN27														

TAGS INCLUDED: RLY 1DG112002 ----RLY 1DG113902-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	O I												
STANDBY DIESEL GEN. DG01C1 TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 3902-1 112C4 15761	SYSTEM CONTROL AGASTAT 7012PEL	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 SEQ TEST TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 3902-2 11190 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 UNDER VOLTAGE BY-PASS RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 3902-3 11198 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 3902-4 112C2 15761	SYSTEM CONTROL AGASTAT 7012PEL	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 3902-5 11210 15761	SYSTEM CONTROL AGASTAT 7012PEL	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 3902-6 11212 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1A SA 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING

TAGS INCLUDED: RLY 1DG1139C2-1----RLY 1DG113902-7
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SQRT #		Q	I												
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 3902-7 11214 15761	SYSTEM CONTROL AGASTAT TR1403B	AB43 ESS1A SA 286.	435249 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 3902-8 11216 15761	SYSTEM CONTROL AGASTAT 7012PE	AB43 ESS1A SA 286.	435249 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 SEQ TEST TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 3902-9 12113	AGASTAT TR1403E	ESS1A SA	435249 IN27															
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 402-1 11268 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435249 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY N	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 402-7 11280 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SA 286.	435249 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORT COMING
STANDBY DIESEL GEN. DG0101 LOSS OF DC TO ES-24 LOR RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4162 11196 15761	SYSTEM CONTROL AGASTAT 7022PB	AB43 ESS1A SA 286.	435249 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING

TAGS INCLUDED: RLY 1DG113902-7----RLY 1DG114202-3
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
STANDBY DIESEL GEN. DG0101 PROG A,B,C TROUBLE TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4202-3 11222 15761	SYSTEM CONTROL AGASTAT TR14D3A	AB43 ESS1A SA 285.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 SEAL IN RELAY TROUBLE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4202-4 11224 15761	SYSTEM CONTROL AGASTAT TR14D3A	AB43 ESS1A SA 285.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 PROG BC RELAY TROUBLE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4202-5 11226 15761	SYSTEM CONTROL AGASTAT TR14D3A	AB43 ESS1A SA 285.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 DG BKR RELAY TROUBLE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4202-6 11228 15761	SYSTEM CONTROL AGASTAT TR14D3A	AB43 ESS1A SA 285.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOCA/X RELAY TROUBLE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4202-7 11230 15761	SYSTEM CONTROL AGASTAT TR14D3A	AB43 ESS1A SA 285.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOSS OF COOLANT AUX RELAY TROUBLE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4202-8 11232 15761	SYSTEM CONTROL AGASTAT TR14D3A	AB43 ESS1A SA 285.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING

TAGS INCLUDED: RLY 1DG114202-3----RLY 1DG114262-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
STANDBY DIESEL GEN. DG0101 LOSS OF DC TO TEST OR A NN CKTS	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4262-1 11194 15761	SYSTEM CONTROL AGASTAT 7024PB	AB43 ESS1A SA 235.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 TESTING LOCKOUT TROUBLE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4262-2 11218 15761	SYSTEM CONTROL AGASTAT 7024PB	AB43 ESS1A SA 235.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 CNMT SPRAY MANUAL ACT AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4602 11179 15761	SYSTEM CONTROL AGASTAT 7012 PBL	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 PROG A & B START RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4702 12112	AGASTAT 7012 PCLL	ESS1B SB	435248 IN27															
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4902-2 12080	AGASTAT TR14D38	ESS1B SB	435248 IN27															
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4902-3 12082	AGASTAT TR14D38	ESS1B SB	435248 IN27															

TAGS INCLUDED: RLY 1DG114262-1----RLY 1DG114902-4
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS		ZPA				ANA	TEST	TEST				FLOOR	
			MODEL NO	ELEV	SORT #		Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	LYS IS S/D	FREQ	DIR	F/B	S/S	V	SPECTR	
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4902-4 12084	AGASTAT TR14D3B	ESS1B SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY (PROG.A TO PROG.B)	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 4962-1 11181 11173WHE 1526803	SYSTEM CONTROL AGASTAT 7024 PBT	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64, 104,15 2,199, 254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5002-1 12086	AGASTAT TR14D3C	ESS1B SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5002-2 12088	AGASTAT TR14D3C	ESS1B SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5002-3 12090	AGASTAT TR14D3C	ESS1B SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5002-4 12091	AGASTAT TR14D3B	ESS1B SB	435248 IN27														

TAGS INCLUDED: RLY 1DG1149D2-4----RLY 1DG115162-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ.	TEST DIR	F/B	S/S	V	SPECTR	
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY (PROG.B TO PROG.C)	RELAYS RADIATION SIG.CONDOR FU	RLY 1DG11 5162-1 11183 15761	SYSTEM CONTROL AGASTAT 7024 PBT	AB43 ESS18 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY	RELAYS RADIATION SIG.CONDOR FU	RLY 1DG11 5162-3 11209 15761	SYSTEM CONTROL AGASTAT 7022PB	AB43 ESS18 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK AUX RELAY N	RELAYS RADIATION SIG.CONDOR FU	RLY 1DG11 5202 11235 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS18 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORT COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 1 AUX RELAY	RELAYS RADIATION SIG.CONDOR FU	RLY 1DG11 5302-1 11236 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS18 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 1 AUX RELAY	RELAYS RADIATION SIG.CONDOR FU	RLY 1DG11 5302-2 11238 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS18 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CONDOR FU	RLY 1DG11 5502-1 11239 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS18 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING

TAGS INCLUDED: RLY 1DG115162-1----RLY 1DG115502-2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS,	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
STANDBY DIESEL GEN. DGC101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5502-2 11241 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DGC101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5502-3 11243 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DGC101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5502-4 11245 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DGC101 LOAD BLOCK 3 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5602-1 11247 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DGC101 LOAD BLOCK 3 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5602-2 11249 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DGC101 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5702-1 11251 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING

TAGS INCLUDED: RLY 1DG115502-2----RLY 1DG115702-2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5702-2 11253 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5702-3 11255 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5702-4 11257 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5702-5 11259 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5702-6 11261 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5802-1 11263 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING

TAGS INCLUDED: RLY 1DG115702-2----RLY 1DG115802-2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #		Q	I												
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 5 AUX RELAY	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG11 5802-2 11265 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 5 AUX RELAY	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG11 5802-3 11267 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 4 AUX RELAY	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG11 5902-1 11269 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG11 5902-2 11271 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG11 5902-3 11273 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG11 5902-4 11275 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING

TAGS INCLUDED: RLY 1DG115802-2----RLY 1DG115902-5
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- U 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #															
STANDBY DIESEL GEN. DG01U1 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5902-5 11277 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01U1 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	PLY 1DG11 5902-6 11279 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1A SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01U1 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5902-7 11281 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01U1 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 5902-8 11283 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01U1 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 6002-1 11285 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01U1 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 6002-2 11287 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING

TAGS INCLUDED: RLY 1DG115902-5----RLY 1DG116002-3
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ.	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #															
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS	RLY 1DG11 6002-3 11289	SYSTEM CONTROL AGASTAT	AB43 ESS19 SB	435248 IN27	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RA31-15,64,104,152,199,254	NEW REVISION FORTHCOMING
	RADIATION SIG.CO ND.OR FU	15761	TR14D3C	286.	IN27-20															
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS	RLY 1DG11 6002-4 12068.	AGASTAT	ESS19 SB	435248 IN27															
	RADIATION SIG.CO ND.OR FU		TR14D3C																	
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY	RELAYS	RLY 1DG11 6102-1 11187	SYSTEM CONROL AGASTAT	AB43 ESS19 SB	435248 IN27	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RA31-15,64,104,152,199,254	NEW REVISION FORTHCOMING
	RADIATION SIG.CO ND.OR FU	15761	TR14D3G	284.	IN27-20															
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 7 AUX RELAY	RELAYS	RLY 1DG11 6102-2 12070	AGASTAT	ESS19 SB	435248 IN27															
	RADIATION SIG.CO ND.OR FU		TR14D3B																	
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 7 AUX RELAY	RELAYS	RLY 1DG11 6102-3 12072	AGASTAT	ESS19 SB	435248 IN27															
	RADIATION SIG.CO ND.OR FU		TR14D3D																	
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 7 AUX RELAY	RELAYS	RLY 1DG11 6102-4 12074	AGASTAT	ESS19 SB	435248 IN27															
	RADIATION SIG.CO ND.OR FU		TR14D3D																	

TAGS INCLUDED: RLY 1DG116002-3----RLY 1DG116102-5
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLOC	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 8 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 6102-5 12076	AGASTAT TR14D3D	ESS1R SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 8 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 6102-6 12078	AGASTAT TR14D3D	ESS1R SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 6202-1 12093	AGASTAT TR14D3B	ESS1R SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 6202-2 12128	AGASTAT TR14D3B	ESS1R SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 6202-3 12096	AGASTAT TR14D3B	ESS1R SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 6202-4 12098	AGASTAT TR14D3B	ESS1R SB	435248 IN27														

TAGS INCLUDED: RLY 1DG116102-5----RLY 1DG116302-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 2 AUX RELAY	RELAYS RADIATION SIG.CONDOR FU	RLY 1DG11 6302-1 12100	AGASTAT TR14D3B	ESS1B SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 5 AUX RELAY	RELAYS RADIATION SIG.CONDOR FU	RLY 1DG11 6302-2 12102	AGASTAT TR14D3C	ESS1B SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 5 AUX RELAY	RELAYS RADIATION SIG.CONDOR FU	RLY 1DG11 6302-3 12104	AGASTAT TR14D3C	ESS1B SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CONDOR FU	RLY 1DG11 6402-1 12106	AGASTAT TR14D3C	ESS1B SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CONDOR FU	RLY 1DG11 6402-2 12108	AGASTAT TR14D3C	ESS1B SB	435248 IN27														
STANDBY DIESEL GEN. DG0101 LOAD BLOCK 6 AUX RELAY	RELAYS RADIATION SIG.CONDOR FU	RLY 1DG11 6402-3 12110	AGASTAT TR14D3B	ESS1B SB	435248 IN27														

TAGS INCLUDED: RLY 1DG116302-1----RLY 1DG116502
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
STANDBY DIESEL GEN. DG0101 CHILLER BKR CLOSED AUX RELAY	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG11 6502 11189 15761	SYSTEM CONTROL AGASTAT TR14D3C	AB43 ESS19 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 UNDER VOLTAGE BY-PASS AUX RELAY	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG11 6602 11221 15761	AGASTAT TR14D3B	ESS19 SB	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01C1 CIAS SEAL-IN RELAY	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG11 7062-1 11193 15761	SYSTEM CONTROL AGASTAT 7024PE	AB43 ESS19 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	B	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01C1 LOSS OF DC TO CONTROL CIRCUIT	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG11 7062-2 11207 15761	SYSTEM CONTROL AGASTAT 7022PB.	AB43 ESS19 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	B	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 TESTING BUS TIME DELAY RELAY	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG11 8362-1 11201 105761	SYSTEM CONTROL AGASTAT 7024PB	AB43 ESS19 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	B	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG0101 SEQ TEST TIME DELAY RELAY	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG11 8362-2 12116	AGASTAT 7024 PCT	ESS19 SB	435248 IN27															

TAGS INCLUDED: RLY 1DG116502 ----RLY 1DG118402-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8402-1 11205 15761	SYSTEM CONTROL AGASTAT 7012PEL	AB43 ESS18 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	B	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 SEQ TEST TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8402-2 11191 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS18 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 UNDER VOLTAGE BY-PASS RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8402-3 11199 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS18 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8402-4 11203 15761	SYSTEM CONTROL AGASTAT 7012PEL	AB43 ESS18 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	B	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8402-5 11211 15761	SYSTEM CONTROL AGASTAT 7012PEL	AB43 ESS18 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	B	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 AUX RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8402-6 11213 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS18 SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING

TAGS INCLUDED: RLY 1DG1184G2-1----RLY 1DG1184J2-7
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
STANDBY DIESEL GEN. DG01D1 TIME DELAY RELAY	PELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8402-7 11215 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01G1 TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	FLY 1DG11 8402-8 11217 15761	SYSTEM CONTROL AGASTAT 7D12PE	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01D1 SEQ TEST TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8402-9 12114	AGASTAT TR14D3E	ESS1B SB	435248 IN27															
STANDBY DIESEL GEN. DG01D1 LOSS OF DC TO ES-24 LOR RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8662 11197 15761	SYSTEM CONTROL AGASTAT 7G22PB	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	B	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01D1 FROG A,B,C TROUBLE TIME DELAY RELAY	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8702-3 11223 15761	SYSTEM CONTROL AGASTAT TR14D3A	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING
STANDBY DIESEL GEN. DG01G1 SEAL IN RELAY TROUBLE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8702-4 11225 15761	SYSTEM CONTROL AGASTAT TR14D3A	AB43 ESS1B SB 286.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING

TAGS INCLUDED: RLY 1DG118402-7----RLY 1DG118702-5
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #														
STANDBY DIESEL GEN. DG0101 PROG BC RELAY TROUBLE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8702-5 11227 15761	SYSTEM CONTROL AGASTAT TR14D3A	AB43 ESS18 SB 285.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 DG BKR RELAY TROUBLE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8702-6 11229 15761	SYSTEM CONTROL AGASTAT TR14D3A	AB43 ESS18 SB 285.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 LOCA/X RELAY TROUBLE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8702-7 11231 15761	SYSTEM CONTROL AGASTAT TR14D3A	AB43 ESS18 SB 285.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 LOSS OF COOLANT AUX RELAY TROUBLE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8702-8 11233 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS18 SB 285.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A D	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 LOSS OF DC TO TEST OR ANN CKTS	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8762-1 11195 15761	SYSTEM CONTROL AGASTAT 7024PB	AB43 ESS18 SB 285.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A B	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING
STANDBY DIESEL GEN. DG0101 TESTING LOCKOUT TROUBLE	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG11 8762-2 11219 15761	SYSTEM CONTROL AGASTAT 7024PB	AB43 ESS18 SB 285.	435248 IN27 IN27-20	IEEE 323-74, 344-75	A B	S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,15 2,199,254	NEW REVISION FORTHCOMING

TAGS INCLUDED: RLY 1DG1187C2-S----RLY 1DG1702-CR1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
STANDBY DIESEL GEN. DG0101 EMER DIESEL GEN 1A-SA BKR 10E INTLK	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG17 C2-CR1 11048 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-1ASA 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 EMER DIESEL GEN 1A-SA BKR 10E INTLK	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG17 C2-CR2 11049 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-1ASA 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 EMER DIESEL GEN 1B-SB BRK 12E INTLK	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG17 50-CR1 11115 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-1BSB 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 EMER DIESEL GEN 1B-SB BRK 12E INTLK	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG17 50-CR2 11116 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-1BSB 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DG RM EXH FAN E-86 (1A-SA)EINTLK	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 61-CR 11165 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3A-SA 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DG ELECT EQUIP RM SPLY FAN EH-85 &CHL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 63-42X 11162 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3A-SA 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R

TAGS INCLUDED: RLY 1DG1702-CR1----RLY 1DG3263-74X
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #															
STANDBY DIESEL GEN. DG0101 DG ELECT EQUIP RM SPLY FAN EH-85 &CHL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 63-74X 11160 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3A-SA 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RA812-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DG ELECT EQUIPRM SPLY FAN EH-85 (1B-	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 64-42X 11161 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3A-SA 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RA812-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DG ELECT EQUIP RM SPLY FAN EH-85 (1B-	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 64-74X 11159 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3A-SA 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RA812-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DG ELECT EQUIPRM DMPR DG-DE R D4 (SA-	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 65-CR1 11164 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3A-SA 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RA812-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DSL GEN BLDG DAY TK& SILENCER RE EXH FAN	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 68-74X 11169 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3A-SA 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RA812-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DSL GEN BLDG DAY TK& SILENCER RE EXH FAN	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 69-74X 11168 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3A-SA 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RA812-10,37,60,88,191,212	R

TAGS INCLUDED: RLY 1DG3263-74X----RLY 1DG3270-CR
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
STANDBY DIESEL GEN. DG0101 DG BLDG SILENCER & FEN RM DMPR	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 70-CR 11166 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3A-SA 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DG RM EXH FAN E-86 (1C-SB)EINTLK	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 72-CR 11142 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3B-SB 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DG ELECT EQUIP RM SPLY FAN EH-85 &CHL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 74-42X 11139 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3B-SB 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DG ELECT EQUIP RM SPLY FAN EH-85 &CHL	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 74-74X 11137 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3B-SB 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DG ELECT EQUIP RM SPLY FAN EH-85 (1D-	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 75-42X 11133 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3B-SB 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DG ELECT EQUIP RM SPLY FAN EH-85 (1D-	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1DG32 75-74X 11136 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3B-SB 305.	435246 IN13 IN13-20	IEEE-323-'74 344-'75	A	B	S/S=2.4 F/B=2.4 V=2.4	S/S=2.9 F/B=2.9 V=2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R

TAGS INCLUDED: RLY 1DG3270-CR ----RLY 1DG3276-CR1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC		Q	I												
			MODEL NO	ELEV	SORT #															
STANDBY DIESEL GEN. DGC101 DG EXH FANS SMOKE INTLK E	RELAYS	RLY 1DG32 76-CR1 11141	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP 38-SB	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
	RADIATION SIG.CO ND.OR FU	15761	MDR131-1	305.	20															
STANDBY DIESEL GEN. DGC1C1 DG BLDG DAY TK & SILENCER RE EXH FAN	RELAYS	RLY 1DG32 79-74X 11146	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP 38-SB	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	
	RADIATION SIG.CO ND.OR FU	15761	MDR131-1	305.	20															
STANDBY DIESEL GEN. DGC101 DG BLDG DAY TK & SILENCER RE EXH FAN	RELAYS	RLY 1DG32 80-74X 11145	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP 38-SB	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
	RADIATION SIG.CO ND.OR FU	15761	MDR131-1	305.	20															
STANDBY DIESEL GEN. DGC1C1 DG BLDG SILENCER & FEN RM DMPR	RELAYS	RLY 1DG32 81-CR 11143	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP 38-SB	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
	RADIATION SIG.CO ND.OR FU	15761	MDR131-1	305.	20															
STANDBY DIESEL GEN. DGC1C1 DIESEL FO TRANS PMPHSE EXH FAN E-85 (1A-	RELAYS	RLY 1DG32 82-74X 11156	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP 3A-SA	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
	RADIATION SIG.CO ND.OR FU	15761	MDR131-1	305.	20															
STANDBY DIESEL GEN. DGC1C1 DIESEL FO TRANS PMPHSE EXH FAN E-85 (1B-	RELAYS	RLY 1DG32 84-74X 11157	SYSTEM CONTROL POTTER BRUMFIELD	AB52 ARP 3A-SA	435246 IN13 IN13-	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
	RADIATION SIG.CO ND.OR FU	15761	MDR131-1	305.	20															

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #															
STANDBY DIESEL GEN. DG0101 DIESEL FO TRANS PMPHSE EXH FAN E-85 (1C-	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG32 85-74X 11133 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3B-SB 305.	435246 IN13 IN13- 20	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 DIESEL FO TRANS PMPHSE EXH FAN E-85 (1D-	RELAYS RADIATION SIG.COND.OR FU	RLY 1DG32 86-74X 11134 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR131-1	AB52 ARP 3B-SB 305.	435246 IN13 IN13- 20	IEEE-323-74 344-75	A	B	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB12-10,37,60,88,191,212	R
STANDBY DIESEL GEN. DG0101 PROG.B ON AUX RELAY	RELAYS RADIATION SIG.COND.OR FU	RLY 11151 02-2 11185 15761	SYSTEM CONTROL AGASTAT TR14D3B	AB43 ESS1B SB 285.	435249 IN27 IN27- 20	IEEE 323-74, 344-75	A		S/S 2.4 F/B 2.4 VERT 2.4	S/S 2.9 F/B 2.9 VERT 2.9	X	NA	NA	MF	MD	NA	NA	NA	RAB1-15,64,104,152,199,254	NEW REVISION FORTH COMING

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS	LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST REQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q I												
STRUCT-CONT. AIR LOCKS 0103	AIR LOCKS	EAL1	WOOLLEY	CB 2 WALL	435185	ASME III NE	A	H- 0.25 G	H- 0.37 G	X	-	S	-	-	-	-	-	NA	
EMERG ESCAPE FROM CONTAIN BLDG	UN1 EMERG AIR LOCK	07770 31455	WOOLLEY N/A	264.	AS-01 70-AS 01-02			V- 0.25 G	V- 0.43 G										
STRUCT-CONT. AIR LOCKS 0103	AIR LOCKS	PAL1	WOOLLEY	CB 2 WALL	435185	ASME III NE	A	H- 0.25 G	H- 0.37 G	X	-	S	-	-	-	-	-	NA	
ACCESS/EXIT TO /FROM CONTAIN BLDN	UN1 PERS AIR LOCK	07941 31100	WOOLLEY	241.	AS-01 70-AS 01-20			V- 0.25 G	V- 0.43 G										

AE: EBASCO SERVICES INC.
UTILITY: CAROLINA POWER & LIGHT

FACILITY: SHEARON HARRIS NO.1
SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS
OF EQUIPMENT IMPORTANT TO SAFETY

NSSS: WESTINGHOUSE PWR
CAPACITY 900 MW(E)

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST PEP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
STRUCT-CONT. AIR LOCKS 0103	EQ. HATCH	EQH1 07817	WOOLLEY WOOLLEY	CB 4 WALL	435185 AS-01	ASME III NE	A		H- C.25 G	H- 0.37 G	X	-	S	-	-	-	-	-	NA	
EQUIP REMOV/ENTRY FROM/TO CONTAIN BLDG	UNI QUIP HATCH	31363	N/A	298.	70-AS 01-20				V- 0.25 G	V- 0.43 G										

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
STRUCT-CONT. AIR LOCKS 0103 SECONDARY CONTAINMENT	TANKS CS VALVE CHAMBER	1A-SA 08037 31016	ZURN INDUSTRIS GRAVER TANK MODEL #515	CB-1 FLOOR MTD 195	435163 004 M497 79-AS 01-20	ASME IIINE	A		H=0. 19G V=0. 11G	H=0. 38G V=0. 22G	X	-	S	-	-	-	-	-	NA	
STRUCT-CONT. AIR LOCKS 0103 CONTAINMENT SECONDARY	TANKS RECIRC VALVE CHAMBER	1A-SA 08039 31016	GRAVER TANK GRAVER TANK	CB MAT	435003 AS-01 79-AS 01-20	ASME IIINE	A		H=0. 19G V=0. 11G	H=0. 38G V=0. 22G	X	-	S	-	-	-	-	-	NA	
STRUCT-CONT. AIR LOCKS 0103 SECONDARY CONTAINMENT	TANKS CS VALVE CHAMBER	1B-SB 08038 31016	GRAVER TANK GRAVER TANK N/A	CB 1 CB MAT 195.	435003 AS-01 79-AS 01-20	ASME IIINE	A		H=0. 19G V=0. 11G	H=0. 38G V=0. 22G	X	-	S	-	-	-	-	-	NA	
STRUCT-CONT. AIR LOCKS 0103 CONTAINMENT SECONDARY	TANKS RECIRC VALVE CHAMBER	1B-SB 08040 31016	GRAVER TANK GRAVER TANK MODEL #515	CB MAT	435003 AS-01 79-AS 01-20	ASME IIINE	A		H=0. 19G V=0. 11G	H=0. 38G V=0. 22G	X	-	S	-	-	-	-	-	NA	

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1662
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	PLOC	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SCPT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
TURBINE AUX. WATER TA0013 TURBINE TRIP.I NTLK N	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1TA13 37-CR3 11004 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-19A5A 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	D	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RA912-10,37,60,88,191,212	
TURBINE AUX. WATER TA0013 TURBINE TRIP I NTLK N	RELAYS RADIATION SIG.CO ND.OR FU	RLY 1TA13 37-CR4 11088 15761	SYSTEM CONTROL POTTER BRUMFIELD MDR137-8	AB52 ARP-19B5B 305.	435246 IN13 IN13-20	IEEE-323-74 344-75	A	D	S/S= 2.4 F/B= 2.4 V= 2.4	S/S= 2.9 F/B= 2.9 V= 2.9	X	NA	NA	MF	MD	NA	NA	NA	RA912-10,37,60,88,191,212	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA			QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	
			MODEL NO	ELEV	SORT #														
TURBINE BLDG HVAC TV0093	CONTROLLERS	RC-21TV-3 509-1SA 11915			IN03-20														

SYSTEM/CODE / SERVICE & FUNCTION	EQUIPMENT TYPE / COMPON'T	TAG#/REC# / TEST REP#	MAL.SUPPLR / MANUFACT. / MODEL NO	BLDG / MOUNT / ELEV	PO/ITM / SPEC / SORT #	QUAL CODES / STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
TURBINE BLDG HVAC TV0093	RECORDER S	RR-21TV-3 509-1SA 11916 102.CM158 667S06 82			IN03-20	67S06 7915 1108 14 #1738	8	A	0 OCNONE .75A	1 3 0.0X JF $ 3 19	14	00 0000	00	1586 67S0 6 70 1511 0C	1 4#17 377A 0	0CN ONE 1 .0A 1 52.	673 887 137 281 7.0 447	102 .02 802 .04 468 .0	8 14	00000000 0737770372 817.04470. 0 102.0281 4.04465.0
TURBINE BLDG HVAC TV0093	RECORDER S	ZZZZZZZZZ ZZZZZZSH 11914 .75A 1 30.CXJF $			IN03-20	2.1XJ F $ 3 5			14	00 0000 0007 3747 0372	817. 0447 0.0 102. 0281 4.04	468. 0 10 2.0M 1586 67S0 6 78	15	1 5 2.1X JF $ 3 6	14		109 0 14 #17	0 0CN ONE	570372 817.04 470.0 102.02 814.04 468.0	103.0M1586 67S06 7715 109E 14#1737 6A 0 0CNONE

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1665
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
TURBINE BLDG HVAC TV0093	SENSORS	RE-21TV-3 504-2SA 11913 152.0M158 667SC6 61			IN03-2C	67S06 5915 1058 14 #1733	8	A	0 OCNO NE 1.0A	1 5 2.1X JF $ 3 11	14	00	00	1586 67S0 6 62 1510 5C	1 4#17 339A 0	GCN ONE 1 .CA 1 52.	L73 387 038 287 3.0 439	150 .02 871 .04 390 .0	2 14	00000000 0733970382 873.04398. 0 150.0287 1.04390.0
TURBINE BLDG HVAC TV0C93	SENSORS	RE-21TV-3 509-1SA 11912			IN03-2D															

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1666
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
UNINTERR.AC POWER 0102 120 AC UNINTERRUPTBLE POWMR	POWER PANEL INSTRUMENT DISTR IB.PNL	IDP-1A-S1 08632 SC-258 R5	BBC GOULD 125V DC FC-	AB52 305.	435143 E103	IEEE 344-75	N	B	0.5 S/S 0.5 F/B 0.85 V	0.7 S/S 0.7 S/S 1.2 V	X			MF	MD	6.5	5.0	15	RAB1-9,60,98,148,325,292A	R
UNINTERR.AC POWER 0102 120V AC UNINTERUPTBLE POWMR	POWER PANEL INSTRUMENT DISTR B.PNL	IDP-1A-S3 08633 SC-258 R5	BBC GOULD 125VDC FC-1	AB52 305.	435143 E103	IEEE 344-75	N	B	0.4 S/S 0.3 F/B 0.5 V	0.5 S/S 0.5 S/S 0.9 V	X			MF	MD	6.5	5.0	15	RAB1-9,60,98,148,325,292A	R
UNINTERR.AC POWER 0102 120V AC UNINTERUPTBLE POWMR	POWER PANEL INSTRUMENT DISTR B.PNL	IDP-1B-S2 08634 SC-258 R5	BBC GOULD 125VDC FC-1	AB52 305.	435143 E103	IEEE 344-75	N	B	0.4 S/S 0.3 F/B 0.5 V	0.5 S/S 0.5 S/S 0.9 V	X			MF	MD	6.5	5.0	15	RAB1-9,60,98,148,325,292A	R
UNINTERR.AC POWER 0102 120V AC UNINTERUPTBLE POWMR	POWER PANEL INSTRUMENT DISTR B.PNL	IDP-1B-S4 08635 SC-258 R5	BBC GOULD 125V DCFC-1	AB52 305.	435143 E103	IEEE 344-75	N	B	0.4 S/S 0.3 F/B 0.5 V	0.5 S/S 0.5 S/S 0.9 V	X			MF	MD	6.5	5.0	15	RAB1-9,60,98,148,325,292A	R

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SOPT #	STDS	Q	I												
UNINTERR.AC POWER 0102 INST POWER SUPPLY	SENSORS STATIC INVERTER	UPS RECT S1 11779	WESTINGH'S E PEDS	AB51 FLOOR 0.	435002 50336	IEEE 344-75	A												RAB 148,98 60,9, 325, 292A	
UNINTERR.AC POWER 0102 INST POWER SUPPLY	SENSORS STATIC INVERTER	UPS RECT S2 11780	WESTINGH'S E PEDS	AB51 FLOOR 0.	435002 50336	IEEE 344-75	A												RAB 148,98 60,9, 325, 292A	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
WASTE PROC. (GAS) WG0042 DRAIN ON LINE 2WG3/4-33SN E	VALVES DIAPHRAGM 3/4	2WG-D174S N-1 06734 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	AB21 PIPE MTD 236.	435157 001 M-41 50-M41-20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
WASTE PROC. (GAS) WG0042 DRAIN ON LINE 2WG3/4-33SN E	VALVES DIAPHRAGM 3/4	2WG-D175S N-1 06735 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	AB21 PIPE MTD 236.	435157 001 M-41 50-M41-20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1.G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
WASTE PROC. (GAS) WG0042 HYDROGEN SUPPLY TO RCDT	VALVES DIAPHRAGM 3/4	2WG-D291S B-1 06686 191003	WESTINGH'S E ITT GRINNELL 3/4",150#, A	AB21 PIPE MTD 236.	NSSS 7150 S0220	ASME SECT III	A			2.1G IN 3 DIR.	X	X	X	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO 3/4 DA62R ACTIVE VLV
WASTE PROC. (GAS) WG0042 HYDROGEN SUPPLY TO RCDT M	VALVES DIAPHRAGM 3/4	2WG-D590S A-1 06687 191003	WESTINGH'S E ITT GRINNELL FT831654	CB21 VLV MTD 236.	NSSS 7126 S0220	ASME SECT III	A	C		2.1G IN 3 DIR.	X	X	X	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO 3/4 DA62R ACTI E VLV
WASTE PROC. (GAS) WG0042 M	VALVES SOLENOID VALVE	2WG-D590S A-1 09393 NSCE755	WESTINGH'S E ASCO FT831654	CB21 VLV MTD 236.	NSSS 7126 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		S	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO 3/4 DA62R ACTI E VLV
WASTE PROC. (GAS) WG0042 E	VALVES LIMIT SWITCH	2WG-D590S A-1 09394 TEST RPT	WESTINGH'S E NAMCO EA-170	CB21 VLV MTD 236.	NSSS 7126 S0220	IEEE 344-71	A	B		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO 3/4 DA62R ACTIRE VLV

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS			OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
			MODEL NO	ELEV	SORT #		Q	I												
WASTE PROC. (GAS) WG0042	VALVES	3WG-D103 SN-1&2 11373	ITT-GRINNEL NAMCO	WP21 VLV MTD	435157 012 M-41	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT			NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC(GAS COMMON TO UNIT 1&2	LIMIT SWITCH	QTR-105	EA18C	235.	50-M41 -20															
WASTE PROC. (GAS) WG0042 GDT E OUTLET TO CVCS VCT UNITS 1&2	VALVES DIAPHRAGM 2	3WG-D103S N-1&2 06731 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 235.	435157 012 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 PT WPS GDT E	VALVES DIAPHRAGM 3/4	3WG-D104S N-1&2 06726 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 235.	435157 009 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042	VALVES	3WG-D105 SN-1&2 11374	ITT-GRINNEL NAMCO	WP21 VLV MTD	435157 012 M-41	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT			NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC(GAS COMMON TO UNIT 1&2	LIMIT SWITCH	QTR-105	EA18C	235.	50-M41 -20															
WASTE PROC. (GAS) WG0042 WPS N2+H2 GAS SUPPLY TO GDT F	VALVES DIAPHRAGM 2	3WG-D105S N-1&2 06730 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 235.	435157 012 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 PT ON WPS GDT F	VALVES DIAPHRAGM 3/4	3WG-D106S N-1&2 06727 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 235.	435157 008 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3WG-D103 SN-1&2----3WG-D107 SN-1&2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1&2	VALVES LIMIT SWITCH	3WG-D107 SN-1&2 11375 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 236.	435157 010 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT			NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WPS RELIEF HDR TO GDT 1&2 E	VALVES DIAPHRAG M 1	3WG-D107S N-1&2 06723 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 010 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1&2	VALVES LIMIT SWITCH	3WG-D110 SN-1&2 11376 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 236.	435157 010 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT			NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WPS INLET HDR TO GDT E	VALVES DIAPHRAG M 1	3WG-D110S N-1&2 06722 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 010 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 SAMPLE OUTLET FROM GDT G TO SAMPLE HEADER	VALVES DIAPHRAG M 3/4	3WG-D180S N-1&2 06688 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 008 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 SAMPLE OUTLET FROM GDT D TO SAMPLE HEADER	VALVES DIAPHRAG M 3/4	3WG-D181S N-1&2 06689 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 008 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3WG-D107 SN-1&2----3WG-D182SN-1&2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE SERVICE & FUNCTION	EQUIPMENT TYPE COMPON'T	TAG#/REC# TEST REP#	MAL.SUPPLR MANUFACT. MODEL NO	BLDG MOUNT ELEV	PO/ITM SPEC SORT #	QUAL CODES STDS	STATUS Q	STATUS I	LOAD INPUT ZPA OBE	LOAD INPUT ZPA SSE	LOAD INPUT SEISMIC	LOAD INPUT OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	QUALIFICATION METHOD TEST FREQ	QUALIFICATION METHOD TEST DIR	LOWEST NATURAL FREQUENCY F/B	LOWEST NATURAL FREQUENCY S/S	LOWEST NATURAL FREQUENCY V	FLOOR RESP. SPECTR	REMARKS
WASTE PROC. (GAS) WG0042 SAMPLE LINE FROM GDT C TO SAMPLE HEADER WP	VALVES DIAPHRAGM 3/4	3WG-D182S N-182 06690 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 008 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 SAMPLEOUTLET FROM GDT B TO SAMPLE HEADER W	VALVES DIAPHRAGM 3/4	3WG-D183S N-182 06691 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 008 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 SAMPLE OUTLET FROM GDT182A TO SAMPLE HEADE	VALVES DIAPHRAGM 3/4	3WG-D184S N-182 06692 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 008 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 SAMPLE OUTLET FROM GDT J	VALVES DIAPHRAGM 3/4	3WG-D185S N-182 06696 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 008 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 SAMPLE OUTLET FROM GDT I	VALVES DIAPHRAGM 3/4	3WG-D186S N-182 06697 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 008 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 SAMPLE OUTLET FROM GDT H WPS	VALVES DIAPHRAGM 3/4	3WG-D187S N-182 06702 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 008 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3WG-D182SN-182 ----3WG-D188SN-182
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- C 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITY	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
WASTE PROC. (GAS) WG0042 WPS GDT F TO WPS GDT SAMPLE HDR	VALVES DIAPHRAGM 3/4	3WG-D188SN-1&2 06728 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 D08 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WPS GDT E TO WPS GDT SAMPLE HDR	VALVES DIAPHRAGM 3/4	3WG-D189SN-1&2 06729 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 D03 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1&2	VALVES LIMIT SWITCH	3WG-D22SN-1&2 11377 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 236.	435157 D12 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT			NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 GDT D TO WPS COMP	VALVES DIAPHRAGM 2	3WG-D22SN-1&2 06681 REPORT121	ITT GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 D12 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1&2	VALVES LIMIT SWITCH	3WG-D23SN-1&2 11378 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 236.	435157 D12 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 OUTLET FROM GDT C TO WPS COMP	VALVES DIAPHRAGM 2	3WG-D23SN-1&2 06694 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 D12 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3WG-D188SN-1&2 ----3WG-D24 SN-1&2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 182	VALVES LIMIT SWITCH	3WG-D24 SN-182 11379 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 235.	435157 012 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 OUTLET FROM GDT B TO WPS COMP	VALVES DIAPHRAGM 2	3WG-D24SN-182 06693 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 235.	435157 012 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 182	VALVES LIMIT SWITCH	3WG-D25 SN-182 11380 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 235.	435157 012 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 GDT A TO WPS COMP	VALVES DIAPHRAGM 2	3WG-D25SN-182 06695 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 235.	435157 012 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 182	VALVES LIMIT SWITCH	3WG-D39 SN-182 11381 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 235.	435157 012 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 GDT G TO WPS COMP	VALVES DIAPHRAGM 2	3WG-D39SN-182 06685 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 235.	435157 012 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1&2	VALVES LIMIT SWITCH	3WG-D40 SN-1&2 11382 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 236.	435157 010 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 GDT H TO WPS COMP	VALVES DIAPHRAGM 2	3WG-D40SN-1&2 06684 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 010 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1&2	VALVES LIMIT SWITCH	3WG-D49 SN-1&2 11383 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 236.	435157 010 M-41 50-M41 -20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 INLET TO GDT J PWS COMMON TO UNIT	VALVES DIAPHRAGM 1	3WG-D49SN-1&2 06698 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 010 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1&2	VALVES LIMIT SWITCH	3WG-D50 SN-1&2 11384 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 236.	435157 010 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 INLET TO GDT I WPS	VALVES DIAPHRAGM 1	3WG-D50SN-1&2 06699 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 010 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3WG-D40 SN-1&2----3WG-D51 SN-1&2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT.	MOUNT	SPEC	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
			MODEL NO	ELEV	SORT #															
WASTE PROC. (GAS) WGD042	VALVES	3WG-D51 SN-1&2 11385	ITT-GRINNEL NAMCO	WP21 PIPE MTD	435157 010 M-41	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC(GAS COMMON TO UNIT 1&2	LIMIT SWITCH	QTR-105	EA180	236.	50-M41 -20															
WASTE PROC. (GAS) WGD042 INLET TO GDT H	VALVES DIAPHRAGM 1	3WG-D51SN -1&2 06700 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 010 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WGD042	VALVES	3WG-D52 SN-1&2 11386	ITT-GRINNEL NAMCO	WP21 VLV MTD	435157 010 M-41	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC(GAS COMMON TO UNIT 1&2	LIMIT SWITCH	QTR-105	EA180	236.	50-M41 -20															
WASTE PROC. (GAS) WGD042 INLET TO GDT G	VALVES DIAPHRAGM 1	3WG-D52SN -1&2 06701 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 010 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WGD042	VALVES	3WG-D54 SN-1&2 11387	ITT-GRINNEL NAMCO	WP21 VLV MTD	435157 010 M-41	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC(GAS COMMON TO UNIT 1&2	LIMIT SWITCH	QTR-105	EA180	236.	50-M41 -20															
WASTE PROC. (GAS) WGD042 WPS REC TO GDT D	VALVES DIAPHRAGM 1	3WG-D54SN -1&2 06703 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 010 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3WG-D51 SN-1&2----3WG-D55 SN-1&2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1&2	VALVES LIMIT SWITCH	3WG-D55 SN-1&2 11388 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 236.	435157 010 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WPS REC TO GDT C	VALVES DIAPHRAGM 1	3WG-D55SN-1&2 06704 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 010 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1&2	VALVES LIMIT SWITCH	3WG-D56 SN-1&2 11389 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 236.	435157 010 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WPS REC TO GDT B	VALVES DIAPHRAGM 1	3WG-D56SN-1&2 06705 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 010 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1&2	VALVES LIMIT SWITCH	3WG-D57 SN-1&2 11390 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 236.	435157 010 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WPS REC TO GDT A	VALVES DIAPHRAGM 1	3WG-D57SN-1&2 06706 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 010 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3WG-D55 SN-1&2----3WG-D59SN-1&2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- G 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
WASTE PROC. (GAS) WG0042 PT ON GDT J WP S	VALVES DIAPHRAGM 3/4	3WG-D59SN -1&2 06716 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 DDR M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 PT ON GDT I WP S	VALVES DIAPHRAGM 3/4	3WG-D60SN -1&2 06717 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 DDR M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 PT ON GDT H WP S	VALVES DIAPHRAGM 3/4	3WG-D61SN -1&2 06718 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 DDR M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 PT ON GDT G WP S	VALVES DIAPHRAGM 3/4	3WG-D62SN -1&2 06719 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 DDR M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 PT ON GDT D WP S	VALVES DIAPHRAGM 3/4	3WG-D63SN -1&2 06720 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 DDR M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 PT ON GDT C	VALVES DIAPHRAGM 3/4	3WG-D64SN -1&2 06721 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 DDR M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3WG-D59SN-1&2 ----3WG-D65SN-1&2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
WASTE PROC. (GAS) WG0042 PT ON GDT B WP S	VALVES DIAPHRAGM 3/4	3WG-D65SN -1&2 06732 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 DB M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 PT ON GDT A WP S	VALVES DIAPHRAGM 3/4	3WG-D66SN -1&2 06733 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 DB M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1&2	VALVES LIMIT SWITCH	3WG-D73 SN-1&2 11391 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 236.	435157 D12 M-41 50-M41 -20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1 & 2)	VALVES DIAPHRAGM 2	3WG-D73 SN-1&2 11684 RPT#121	ITT-GRINNEL ITT-GRINNEL EA180	WP21 VLV MTD 236.	435157 D12 M-41 50-M41 -20	IEEE 344-75	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 GDT J TO WPS COMP COMMON TO UNIT	VALVES DIAPHRAGM 2	3WG-D73SN -1&2 06682 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE 236.	435157 D12 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 WASTE PROC(GAS COMMON TO UNIT 1&2	VALVES LIMIT SWITCH	3WG-D76 SN-1&2 11392 QTR-105	ITT-GRINNEL NAMCO EA180	WP21 VLV MTD 236.	435157 D12 M-41 50-M41 -20	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3WG-D65SN-1&2 ----3WG-D76SN-1&2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANA LYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
WASTE PROC. (GAS) WG0042 GDT I TO WPS COMP COMMON TO UNIT	VALVES DIAPHRAGM 2	3WG-D76SN -1&2 06683 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 012 M-41 50-941 -23	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (GAS) WG0042 GDT A RELIEF WPS E	VALVES RELIEF 1	3WG-R501S N-1&2 06714 183414	WESTINGH'SE CROSBY JB-25-TD	WP21 PIPE MTD 236	NSSS 7821 S0220	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 1-RV32DGZR
WASTE PROC. (GAS) WG0042 GDT B RELIEF WPS E	VALVES RELIEF 1	3WG-R502S N-1&2 06713 183414	WESTINGH'SE CROSBY JB-25-TD	WP21 PIPE MTD 236	NSSS 7821 S0220	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 1-RV32DGZR
WASTE PROC. (GAS) WG0042 GDT C RELIEF WPS E	VALVES RELIEF 1	3WG-R503S N-1&2 06712 183414	WESTINGH'SE CROSBY JB-25-TD	WP21 PIPE 236	NSSS 7821 S0220	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 1-RV32DGZR
WASTE PROC. (GAS) WG0042 GDT D RELIEF WPS E	VALVES RELIEF 1	3WG-R504S N-1&2 06711 183414	WESTINGH'SE CROSBY JB-25-TD	WP21 PIPE 236	NSSS 7821 S0220	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 1-RV32DGZR
WASTE PROC. (GAS) WG0042 GDT G RELIEF WPS E	VALVES RELIEF 1	3WG-R505S N-1&2 06710 183414	WESTINGH'SE CROSBY JB-25-TD	WP21 PIPE 236	NSSS 7821 S0220	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 1-RV32DGZR

TAGS INCLUDED: 3WG-D76SN-1&2 ----3WG-R506SN-1&2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/TTY	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
WASTE PROC. (GAS) WG0042 GDT H RELIEF W PS E	VALVES RELIEF 1	3WG-R506S N-1&2 06709 183414	WESTINGH'S E CROSBY JB-25-TD	WP21 PIPE 236	NSSS 7831 SD220	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 1-RV32DGZ R
WASTE PROC. (GAS) WG0042 GDT I RELIEF W PS N	VALVES RELIEF 1	3WG-R507S N-1&2 06708 183414	WESTINGH'S E CROSBY JB-25-TD	WP21 PIPE 236	NSSS 7831 SD220	ASME SECT III	A	D		2.1G IN 3 DIR	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 1-RV32DGZ R
WASTE PROC. (GAS) WG0042 GDT J RELIEF W PS E	VALVES RELIEF 1	3WG-R508S N-1&2 06707 1834414	WESTINGH'S E CROSBY JB-25-TD	WP21 PIPE 236	NSSS 7831 SD220	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 1-RV32DGZ R
WASTE PROC. (GAS) WG0042 WPS GDT E RELIEF TO WPS VENT FILERATION SYS	VALVES RELIEF 1	3WG-R514S N-1&2 06724 183414	WESTINGH'S E CROSBY JB-25-TD	WP21 PIPE 236	NSSS 7884 SD0220	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 1RV32DGZ R
WASTE PROC. (GAS) WG0042 WPS GDT F RELIEF TO WPS VENT FILERATION SYS	VALVES RELIEF 1	3WG-R515S N-1&2 06725 183414	WESTINGH'S E CROSBY E JB-25-TD	WP21 PIPE MTD 236	NSSS 7884 SD220	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 1RV32DGZ R
WASTE PROC. (GAS) WG0042 WASTE GAS COMP RELIEF TO GDT	VALVES CHECK 2	3WG-V10SN -1&2 06715 SA-489916	ROCKWELL INTERNATI POCKWELL INTERNATI FIG.3674F3 16T3	WP21 PIPE MTD 236.	1435057 009 M-369 SQ-M36 R-27	ASME SECT III 71ED SUM 73ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3WG-R506SN-1&2 ----7WG-D625-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1681
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #		Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
WASTE PROC. (GAS) WGWG LINE DRN HDR N O 7WG2-206-1	VALVES DIAPHRAGM 1	7WG-D625-1 12393	ITT-GRINNEL		435157 153 M-41															
WASTE PROC. (GAS) WGWG LINE DRN HDR N O 7WG2-206-1	VALVES DIAPHRAGM 1	7WG-D626-1 12394	ITT-GRINNEL		435157 159 M-41															

AE: EBASCO SERVICES INC. FACILITY: SHEARON HARRIS NO.1 NSSS: WESTINGHOUSE PWR
UTILITY: CAROLINA POWER & LIGHT SEISMIC & DYNAMIC QUALIFICATION SUMMARY & STATUS CAPACITY 900 MW(E) PAGE NO.1682
OF EQUIPMENT IMPORTANT TO SAFETY

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA TUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONENT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
WASTE PROC. (LIQUID) WL0043 RX COOLANT DRAIN TANK HX	HEAT EX-CHANGERS	1X-SN 11738 185082	WESTINGHOUSE ATLAS IND. U#12-144 TYP.BEU	FLOOR MTD	NSSS SO210	ASME SECT III	A		N-S .11G E-W .12G VERT .14G	N-S .19G E-W .21G VERT .23G	X		D	NA		>33 HZ	>33 HZ	>33 HZ	EL.221 VPT.16 HPT.15	

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
WASTE PROC. (LIQUID) WL0043	VALVES	BWL-D413-1&2 12368			37 ,5 293 M-45															
WPS FBS AUX BLDG RECYCLE EVAP FEED FILTER	DIAPHRAGM 3/4																			
WASTE PROC. (LIQUID) WL0043 DRAIN LINE ON 2WL3-316 F/D G-813 COC	VALVES DIAPHRAGM 3/4	2WL-D289S N-1 06750 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	AB11 PIPE MTD 216.	435157 003 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 DRAIN LINE ON 2WL3-316 F/D G-813 COC	VALVES DIAPHRAGM 3/4	2WL-D290S N-1 06751 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	AB11 PIPE MTD 216.	435157 003 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 GDT DR FILTER TO CVCS VCT UNCOMEON TO UNIT	VALVES DIAPHRAGM 1	2WL-D48SN -1&2 06739 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	AB31 PIPE MTD 261.	435157 005 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
WASTE PROC. (LIQUID) WL0043 RCDT HX OUTLET HDR E	VALVES DIAPHRAGM 3	2WL-D650S E-1 06742 191003	WESTINGH'S E ITT GRINNELL 3",150#,A	AB11 PIPE MTD 216.	NSSS 7136 SD220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3DA42R ACTIRE VLV
WASTE PROC. (LIQUID) WL0043 BY PASS AROUND 2WL-L600SN-1 E	VALVES DIAPHRAGM 3	2WL-D651S N-1 06741 191003	WESTINGH'S E ITT-GRINNELL 3",150#,H	CB11 PIPE MTD 221	NSSS 7135 SD220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3X92D R

TAGS INCLUDED: BWL-D413-1&2 ----2WL-D654SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
WASTE PROC. (LIQUID) WL0043 RCDT HX OUTLET HDR E	VALVES	2WL-D654S N-1 06743	WESTINGH'S E ITT	CB11 PIPE MTD	NSSS 716R S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3X92D R
	DIAPHRAGM 3	191003	GRINNELL 3",150#,H	221																
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BLDG SEAL WATER RETMRN FILTER	VALVES	2WL-G779S N-1 06757	ATWOOD & MORRILL CO	AB31 VLV MTD	435141 D05A M-45	ASME SECT III	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	
	PLUG 3	309-18070 -00	ATWOOD & MORRILL CO NP-8321A6E	261.	50-M45 -20	77ED SUMM 77ADD														
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BLDG SEAL WATER RMTURN FILTE	VALVES	2WL-G779S N-1 10566.	ATWOOD & MORRILL CO ASCO	AB31 VLV MTD	435141 D05A M-45	IEEE 344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
	SOLENOID VLV.	AQR-67368	NP-8321A6E	261.	50-M45 -20															
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BLDG SEAL WATER RMTURN FILTE	VALVES	2WL-G779S N-1 10567	ATWOOD & MORRILL CO NAMCO	AB31 VLV MTD	435141 D05A M-45	IEEE 344-75	A	C	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	N/A	
	LIMIT SWITCH	QTR-111	EA-740	261.	50-M45 -20															
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BLDG REACTOR COOEANT FILTER	VALVES	2WL-G781S N-1 06755	XOMOX CORP.	AB31 PIPE MTD	435141 D05A M-45	ASME SECT III	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
	PLUG 3	CPL-3-039 6-CB72579	XOMOX CORP. FIG 0396BW	263.	50-M45 -20	74ED WINTR 75ADD														
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BLDG REACTOR COOEANT FILTER	VALVES	2WL-G781S N-1 10568	XOMOX CORP. ASCO	AB31 PIPE MTD	435141 D05A M-45	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
	SOLENOID VLV.	AQR-67368	FIG 0396BW	263.	50-M45 -20															

TAGS INCLUDED: 2WL-D654SN-1 ----2WL-G781SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
WASTE PROC. (LIQUID) WL0043	VALVES	2WL-G781S N-1 10569	XOMOX CORP. NAMCO	AB31 VLV MTD	435141 0054 M-45	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G2 HOR 2 G VERT	X		NA	S	S	>33 HZ	>33 HZ	>33 HZ	N/A	R
WPS FBS AUX BL DG REACTOR COO LANE FILTER BA	LIMIT SWITCH	QTR-111	EA-740	263.	SQ-M45 -20															
WASTE PROC. (LIQUID) WL0043 RCDT HX OUTLET HDR E	VALVES	2WL-L600S A-1 06744	WESTINGH'S E COPES-VULCAN INC	CB11 VLV MTD	NSSS 1003 S0220	ASME SECT III	A	B		2.1G IN 3 DIR.	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO. 3RA92RE ACTIRE VALVE
	LEVEL CONTR 3	183622	HTB83U0864 -RF	221.																
WASTE PROC. (LIQUID) WL0043	VALVES	2WL-L600S A-1 09397	WESTINGH'S E ASCO	CB11 VLV MTD	NSSS 1003 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		S	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3RA92RE3 ACTI E VALVE
M	SOLENOID VALVE	NSCE755	HTB8300864 -RF	221.																
WASTE PROC. (LIQUID) WL0043	VALVES	2WL-L600S A-1 09398	WESTINGH'S E NAMCO	CB11 VLV MTD	NSSS 1003 S0220	IEEE 344-71	A	C		2.1G IN 3 DIR.	X		NA	SF	SD	<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO. 3RA92RE3 ACTI E VALVE
	LIMIT SWITCH	TEST RPT 11-21-77	D-2400X	221.																
WASTE PROC. (LIQUID) WL0043 GDT DR FILTER TO CVCS VCT UN COMEON TO UNIT	VALVES	2WL-V47-1 R2 06740	ROCKWELL INTERNATI ROCKWELL INTERNATI	AB31 PIPE MTD	435357 0044 M-34R	ASME SECT III 71ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
	CHECK 1	SA-489929	FIG.3678F3 16T2	261.	SQ-M34 Y-20	SUM 73ADD														
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BL DG SEAL WATER INJECTION FILT	VALVES	2WL-V775S N-1 06759	ANCHOR DAR LING VALVE ANCHOR DARLING V	AB31 VLV MTD	435313 0040 M-37A	ASME SECT III 71ED	A		1.5G HOR 1 G VER	3.G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	
	GATE 3	SOE9074	SMB-00	263.	SQ-M37 A-20	SUM 72ADD														

TAGS INCLUDED: 2WL-G781SN-1 ----2WL-V775SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STA		LOAD INPUT				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
WASTE PROC. (LIQUID) WL0043	VALVES	2WL-V775S N-1 11510	ANCHOR DARLING VALVE LIMITORQUE	AB31 VLV MTD	435013 069 M-37A 50-37	IEEE 344-75	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	R
E	MOTOR OPERATOR	BC058/37	SMB-00	263.	A-20															
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BL DG SEAL WATER INJECTION FILT	VALVES GATE 3	2WL-V777S N-1 06758 SOE9074	ANCHOR DARLING V ANCHOR DARLING V 3",1500#,M	AB31 PIPE MTD 263.	435013 069 M-37A 50-M37 A-20	ASME SECT III 71ED SUM 72ADD	A	B	1.5G HOR 1 G VER	3.G HOR 2G VER	X		S	N/A		>33 HZ	>33 HZ	>33 HZ	NA	R
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BL DG SEAL WATER INJECTION FILT	VALVES MOTOR OPERATOR	2WL-V777S N-1 11509 BC058/37	ANCHOR DARLING V LIMITORQUE 3",1500#,M	AB31 PIPE MTD 263.	435013 069 M-37A 50-M37 A-20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 RCDT HX OUTLET TO SFPCS RW P URIN	VALVES DIAPHRAGM 2	3WL-D237S N-1 06749 REPORT121	ITT-GRINNEL ITT-GRINNEL SC2/3-150-HWO-DIA	AB31 PIPE 261.	435157 016B M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 TEST VENT ON R CDT HX OUTLET HDR	VALVES DIAPHRAGM 3/4	3WL-D239S N-1 06746 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	AB11 PIPE MTD 216.	435157 013 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 TEST VENT ON R CDT HX OUTLET HDR	VALVES DIAPHRAGM 3/4	3WL-D241S N-1 06747 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	AB11 PIPE MTD 216.	435157 013 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1G VERT	3G HOR 2G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 2WL-V775SN-1 ----3WL-D503SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP.	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I	OBE	SSE	SEISMIC	OTHER DYN	ANALYS IS S/D	TEST FREQ	TEST DIR	F/B	S/S	V	SPECTR	
WASTE PROC. (LIQUID) WL0043	VALVES	3WL-D503S N-1 06771	ITT-GRINNEL ITT-	AB21 PIPE MTD	435157 014 M-41	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
VENT ON LINE 3 WL3-317SN E	DIAPHRAG M 3/4	REPORT121	GRINNEL 150-HWO-DIA	235.	50-M41 -20	SUB NC&ND 77ED			VERT	VERT										
WASTE PROC. (LIQUID) WL0043	VALVES	3WL-D504S N-1 06772	ITT-GRINNEL ITT-	AB21 PIPE MTD	435157 014 M-41	ASME SECT III	A	B	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	R
VENT ON LINE 3 WL3-317SN E	DIAPHRAG M 3/4	REPORT121	GRINNEL 150-HWO-DIA	235.	50-M41 -20	SUB NC&ND 77ED			VERT	VERT										
WASTE PROC. (LIQUID) WL0043	VALVES	3WL-D635S N-1 06752	ITT-GRINNEL ITT-	AB21 PIPE MTD	435157 014 M-41	ASME SECT III	A	D	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
DRAIN ON LINE 3WL3-317 N	DIAPHRAG M 3/4	REPORT121	GRINNEL 150-HWO-DIA	235.	50-M41 -20	SUB NC&ND 77ED			VERT	VERT										
WASTE PROC. (LIQUID) WL0043	VALVES	3WL-D636S N-1 06753	ITT-GRINNEL ITT-	AB21 PIPE MTD	435157 014 M-41	ASME SECT III	A	D	1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
DRAIN ON LINE 3WL3-317 N	DIAPHRAG M 3/4	REPORT121	GRINNEL 150-HWO-DIA	235.	50-M41 -20	SUB NC&ND 77ED			VERT	VERT										
WASTE PROC. (LIQUID) WL0043	VALVES	3WL-D652S N-1 06748	WESTINGH'S E ITT-GRINNELL	AB11 PIPE	NSSS 7137 S0220	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	X	NA		<33 HZ	<33 HZ	<33 HZ	NA	W TAG NO 3X420 R
RCDT HX OUTLET TO WHT E	DIAPHRAG M 3	191003	3",150#,H	215																
WASTE PROC. (LIQUID) WL0043	VALVES	3WL-D671S N-1 06737	ITT-GRINNEL ITT-	AB11 PIPE MTD	435157 014 M-41	ASME SECT III	A		1.5G HOR 1 G	3 G HOR 2 G	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
DRAIN ON 3WL3 /4-167-1 F/D G-813 LOC	DIAPHRAG M 3/4	REPORT121	GRINNEL 150-HWO-DIA	214.	50-M41 -20	SUB NC&ND 77ED			VERT	VERT										

TAGS INCLUDED: 3WL-D503SN-1 ----3WL-D672SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA				QUALIFICATION METHOD			LOWEST NATURAL FREQUENCY			FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I	OBE	SSE	SEI-SMIC	OTH-ER DYN	ANALYSIS S/D	TEST FREQ	TEST DIR	F/B	S/S	V		
WASTE PROC. (LIQUID) WLOC43 DRAIN ON 3WL3 /4-167-1 F/D G-813 LOC	VALVES DIAPHRAGM 3/4	3WL-D672S N-1 06738 REPORT121	ITT-GRINNEL ITT-GRINNEL 150-HWO-DIA	AB11 PIPE MTD 216.	435157 014 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WLOC43 GDT A TO DRAIN HEADER PUMP WP S	VALVES DIAPHRAGM 2	3WL-D851S N-1&2 06761 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 0123 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WLOC43 GDT B TO DRAIN HEADER PUMP WPS	VALVES DIAPHRAGM 2	3WL-D852S N-1&2 06762 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 0123 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WLOC43 GDT C TO DRAIN HEADER PUMP WPS	VALVES DIAPHRAGM 2	3WL-D853S N-1&2 06763 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 0123 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WLOC43 GDT D TO DRAIN HEADER PUMP WPS	VALVES DIAPHRAGM 2	3WL-D854S N-1&2 06764 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 0123 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WLOC43 GDT G TO DRN HDR PUMP WPS	VALVES DIAPHRAGM 2	3WL-D856S N-1&2 06765 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 0123 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3WL-D672SN-1 ----3WL-D857SN-1&2
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #	STDS	Q	I												
WASTE PROC. (LIQUID) WL0043 GDT H TO DRN H DR PUMP WP S	VALVES DIAPHRAGM 2	3WL-D857S N-182 06766 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 0123 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 GDT I TO DRN H DR PUMP WP S	VALVES DIAPHRAGM 2	3WL-D858S N-182 06767 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	PIPE MTD 236.	435157 0123 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 GDT J TO DRN H DR PUMP WP S	VALVES DIAPHRAGM 2	3WL-D859S N-182 06768 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 235.	435157 0123 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 GDT E TO DRAIN HEADER WPS	VALVES DIAPHRAGM 2	3WL-D894S N-182 06769 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 234.	435157 0123 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 GDT F TO DRN H DR WPS	VALVES DIAPHRAGM 2	3WL-D895S N-182 06770 REPORT121	ITT-GRINNEL ITT-GRINNEL SC3-150-HWO-DIA	WP21 PIPE MTD 236.	435157 0123 M-41 50-M41 -20	ASME SECT III SUB NC&ND 77ED	A	B	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	NA		>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BLDG RECYLE EVAP FEEN FILTER A	VALVES PLUG 4	3WL-G1208 SN-182 06756	ATWOOD & MORRILL CO ATWOOD & MORRILL CO NP-83	AB31 VLV MTD 261.	435141 044 M-45 50-M45 -20	ASME SECT III 77ED SUMM 77ADD	B	D			X								NA	REPORT EXPECTED 7-84

TAGS INCLUDED: 3WL-D857SN-182 ----3WL-G1208SN-182
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES STDS	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEISMIC	OTHER DYN	QUALIFICATION METHOD ANALYS IS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPONT	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SORT #		Q	I												
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX S 182 EVAN FEED FIL-	VALVES SOLENOID VLV.	3WL-G1208 SN-182 10570 AQR-67368	ATWOOD & MORRILL CO ASCO NP-83	AB31 VLV MTD 261.	435141 046 M-45 50-M45 -20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX S 182 EVAN FEED FIL-	VALVES LIMIT SWITCH	3WL-G1208 SN-182 10571 QTR-111	ATWOOD & MORRILL CO NAMCO EA-740	AB31 VLV MTD 261.	435141 046 M-45 50-M45 -20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BL DG RECYCLE EVA P FNED FILTER	VALVES PLUG 4	3WL-G1209 SN-182 06760	ATWOOD & MORRILL CO ATWOOD & MORRILL CO FIG 03968W	PIPE MTD	435141 046 M-45 50-M45 -20	ASME SECT III 77ED SUMM 77ADD	B	D	X										NA	REPORT EXPECTED 7-84
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BLDG RECYCLE EVAN FEED	VALVES LIMIT SWITCH	3WL-G1209 SN-182 10707 QTR-111	ATWOOD & MORRILL CO NAMCO FIG 03968W	AB31 PIPE MTD 261.	435141 046 M-45 50-M45 -20	IEEE 344-75	A	D	1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BLDG RECYCLE EVAP FEED	VALVES SOLENOID VLV	3WL-G1209 SN-182 10708 AQR-67368	ATWOOD & MORRILL CO ASCO NP-83	VLV MTD	435141 046 M-45 50-M45 -20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BL DG BORIC ACID FILTER BACKWAS	VALVES PLUG 3	3WL-G783S N-1 06754 3C9-18070 -00	ATWOOD & MORRILLCO ATWOOD & MORRILLCO FIG-03968W	AB31 PIPE MTD 261.	435141 004 M-45 50-M45 -20	ASME SECT III 77ED SUMM 77ADD	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		S	IMP-ACT TEST	SD	>33 HZ	>33 HZ	>33 HZ	NA	

TAGS INCLUDED: 3WL-G1208SN-182----3WL-G783SN-1
SORT TYPE:SYSDES,EQTYP GLOBAL REV#- 0 12/31/84

SYSTEM/CODE	EQUIPMENT TYPE	TAG#/REC#	MAL.SUPPLR	BLDG	PO/ITM	QUAL CODES	STATUS		LOAD INPUT ZPA OBE	ZPA SSE	SEI-SMIC	OTH-ER DYN	QUALIFICATION METHOD ANALYSIS S/D	TEST FREQ	TEST DIR	LOWEST NATURAL FREQUENCY F/B	S/S	V	FLOOR RESP. SPECTR	REMARKS
SERVICE & FUNCTION	COMPON'T	TEST REP#	MANUFACT. MODEL NO	MOUNT ELEV	SPEC SQRT #	STDS	Q	I												
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BL DG BORIC ACID FILTER BACKWAS	VALVES LIMIT SWITCH	3WL-G783S N-1 10709 QTR-111	ATWOOD & MORRILLCO NAMCO EA-740	AB31 VLV MTD 261.	435141 004 M-45 50-M45 -20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 WPS FBS AUX BLDG BORIC ACID FILTER	VALVES SOLENOID VLV	3WL-G783S N-1 10710 AQR-67368	ATWOOD & MORRILLCO ASCO NP-8321	AB31 VLV MTD 261.	435141 004 M-45 50-M45 -20	IEEE 344-75	A		1.5G HOR 1 G VERT	3 G HOR 2 G VERT	X		NA	SF	SD	>33 HZ	>33 HZ	>33 HZ	NA	
WASTE PROC. (LIQUID) WL0043 RCDT HX OUTLET TO RHT E	VALVES CHECK 3	3WL-V606S N-1 06745	WESTINGH'S E WESTINGH'S E-EMD G3001CS92 000020	AB11 PIPE 216	NSSS 7147 S0220	ASME SECT III	A	B		2.1G IN 3 DIR	X	X	X	NA		>33 HZ	>33 HZ	>33 HZ	NA	W TAG NO 3C58 R