WOLF CREEK
NUCLEAR OPERATING CORPORATION

Karl A. (Tony) Harris
Manager Regulatory Affairs

MAR 1 4 2003

RA 03-0037

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Subject: Docket No. 50-482: Emergency Preparedness Field Exercise Scenario for 2003

NOTE:
This transmittal contains Emergency Preparedness exercise information that should not be released to the Public Document Room before May 30, 2003.

Gentlemen:

Enclosed is the 2003 Wolf Creek Generating Station Emergency Preparedness Field Exercise Scenario which is scheduled for May 21, 2003.

If you have any questions concerning this matter, please contact me at (620) 364-4038, or Mr. Timothy F. East at (620) 364-8831, extension 5054.

Very truly yours,

Karl A. (Tony) Harris

KAH/rlg

Enclosure

cc: J. N. Donohew (NRC), wo/e
P. J. Elkmann (NRC), w/e
D. N. Graves (NRC), wo/e
E. W. Merschoff (NRC), wo/e
T. W. Pruett (NRC), wo/e
Senior Resident Inspector (NRC), wo/e
J. Young (FEMA), w/e (3)

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IE19

2003
EVALUATED-EXERCISE

5/21 - TEAM B

TIN GE-11-356-65 Rev. 000

SCENARIO DEVELOPMENT COMMITTEE REVIEW:

M. C.	AUTREY	Mary C. Autrey	DATE:	2/24/03
D. E.	BIRK	Douglas E. Birk	DATE:	2/25/2003
R. L.	EWY	Ralph L. Ewy	DATE:	2/28/2003
M. M.	FAKHRAI	M. FAKHRAI	DATE:	3/5/03
T. L.	JUST	Tamara L. Just	DATE:	2-27-03
W. H.	KETCHUM	William Ketchum	DATE:	2/27/2003
M. L.	LEAP	Marcia Leap	DATE:	3/5/03
P. M.	MARTIN		DATE:	2/24/03
K. K.	MERIWETHER	Keith Meriwether	DATE:	2/25/03
M. R.	McKINNEY	Monte R. McKinney	DATE:	2/28/03
L. T.	RICE	Lawrence T. Rice	DATE:	3/4/03
J. A.	STARR	Jacob Starr	DATE:	2/28/03
K. M.	THRALL	K M Thrall	DATE:	3/7/03

FACILITY LEAD CONTROLLER REVIEW:

EOF		DATE:	
TSC		DATE:	
PIO		DATE:	

THIS SCENARIO BELONGS TO: _____

This scenario contains experiences in which Drill / Exercise performance opportunities will be formally assessed, excluding notifications associated with PARs >10 miles.

2003 EVALUATED-EXERCISE
03-EVAL-EX

RULES OF CONDUCT

OBJECTIVES

I. The NRC Inspection module, for demonstration during evaluated exercises, includes the following objectives.

A. Demonstrate that personnel who are assigned emergency response responsibilities are adequately trained to perform according to plans and procedures.

B. Provide training for personnel and provide for identification of potential problems in the overall emergency response.

C. The Technical Support Center (TSC), Emergency Operations Facility (EOF) and Public Information Organization will be staffed according to the instructions in the Emergency Planning Procedures.

D. Management of the Control Room, TSC, EOF and Public Information Organization will respond effectively to the emergency. The lead personnel in these facilities will make timely and effective decisions regarding emergency response efforts.

E. The staff in the Control Room, TSC and EOF will assess the emergency conditions to prepare appropriate mitigative priorities, properly classify the events and to recommend offsite protective actions. Protective action recommendations outside of the 10 mile EPZ will not be assessed as an opportunity for the NRC performance indicator. (Each facility may not perform these actions, depending on the timing of turnover of responsibilities between facilities.)

F. Notifications of emergency conditions or protective action will be performed by the Control Room, TSC and the EOF. (**NOTE:** Each facility may **NOT** perform all of these actions, depending on the timing of turnover of responsibilities between facilities.) This will include the use of the Emergency Notification System (ENS) and Health Physics Network (HPN) in contact with onsite controllers.

G. Communications (e.g., phone, fax or radio) between facilities and teams in support of emergency response activities will be demonstrated using primary communication (or backup if appropriate).

H. Good radiological protection practices shall be demonstrated within the Control Room, TSC and the EOF. This shall be reflected, in part, by maintaining radiological exposure to persons staffing the facilities and teams as low as reasonably achievable (ALARA).

I. Rumors identified during the Drill / Exercise will be confirmed or denied as part of the activities of the Information Clearinghouse, Phone Team or the Media Center.

J. Dispatch and coordination of emergency repair and damage control teams will be demonstrated by the Control Room and the TSC. (Each facility may not perform each of these actions depending on the timing of turnover of responsibilities between facilities.)

K. Any radiological release from the plant will be characterized by either the Control Room, TSC or the EOF radiological assessment staff as to its magnitude and offsite impact. (Each facility may not perform each of these actions depending on the timing of turnover of responsibilities between facilities.)

L. Personnel accountability will be maintained within the Control Room, TSC, and EOF.

M. Habitability of the Control Room, TSC and EOF will be periodically assessed.

N. The Public Information Organization will disseminate accurate and timely information either through scheduled news conferences, news statements or Phone Team communication.

O. The TSC and EOF shall demonstrate assistance and support to the Control Room for mitigation of the emergency conditions.

P. Thorough scenario preparation and effective Drill / Exercise control will be demonstrated throughout the Drill / Exercise.

II. The following objectives are specific to this scenario.

A. The TSC WILL be activated.

B. The EOF WILL be activated.

C. Public Information WILL be activated.

D. At the site evacuation, Security shall perform perform walkdowns to ensure all personnnel are notified.

E. The objectives of a semi-annual Health Physics Drill <u>WILL</u> be demonstrated, by obtaining direct measurements, an airborne sample and environmental samples. These samples may include air, water, soil or vegetation. (Each team is not required to collect all samples).

PERIODIC DRILL REQUIREMENTS NOT BEING MET

III. The following objectives are those associated with NRC requirements for periodic inclusion in drills or exercises. They are identified here for tracking and clarification purposes.

A. Site evacuation <u>WILL NOT</u> be performed for accountability.

FEMA OBJECTIVES

FEMA OBJECTIVES THAT ARE TO BE DEMONSTRATED IN ASSOCIATION WITH THE 2003 EVALUATED EXERCISE																				
OBJECTIVE	STATE EOC	DOSE ASSM. & F.T. COORD.	FIELD MONIT. PLUME EPZ	FIELD MONIT. INGES.	IC/MRC	SFSA	STATE RAD LAB.	EOF	COFFEY CO. EOC	USD 243 WAV.	USD 244 BURL.	USD 245 LEROY	ANDER. CO. RECEP. CENTER	LYON CO. RECEP. CENTER	COFFEY CO. HOSP.	NEWMAN MEMOR. HOSP.	COFFEY CO. AMB.	LYON CO. AMB.	COFFEY CO. R. & B.	COFFEY CO. DECON.
1. Mobilization of Personnel	YES	YES	YES	NO	YES	YES		YES	YES				YES	YES					YES	YES
2. Facilities, equip. & displays	YES	YES			YES			YES	YES										YES	
3. Direct. & Control	YES	YES							YES				NO	YES					YES	YES
4. Communications	YES	YES	YES	NO	YES	YES		YES	YES	NO	YES	YES	NO	YES					YES	YES
5. Worker Expos. Cntrl.		YES	YES	NO		YES	NO	YES	YES	NO	YES	YES	NO	YES	NO	NO	NO	NO	YES	YES
6. Field Monitoring			YES																	
7. Plume Dose Proj.		YES																		
8. Radiolodine Sampl.			YES																	
9. Plume Prot. Actions	YES	YES																		
10. Public Alert. 15 min	YES								YES											
11. Public Information	YES								YES											
12. Media Briefings					YES															
13. Rumor Control					YES															
14. KI - Emer. Workers		YES	YES			YES		YES	YES	NO	YES	YES			NO		NO	NO	YES	YES
15. Implem. Prot. Act.									YES										YES	
16. School Prot. Act.									YES	NO	YES	YES								
17. Traffic & Access Cntrl.	YES					YES			YES										YES	
18. Regis. & Monit.													YES	YES						
19. Fac. for Cong. Care													NO	YES						
20. Emer. Med. Svcs.																	NO	NO		
21. Hospital Oper.															NO	NO				
22. Wrkr/Veh. Decon.													YES	YES						YES
23. Asst. Requests	YES																			
24. Inges. Smpl. Collec.			NO	NO																
25. Inges. Lab Oper.							NO													
26. Inges. Dose Proj.		NO																		
27. Inges. Prot. Act.	NO																			
28. Recov./Reent.Decis.	NO	NO																		
29. Recov./Reent. Act.	NO								NO											
30. Shift Change	NO	YES	YES		NO	NO	YES	NO	YES				NO	YES					YES	YES
31. On-site Evac. Sppt.									NO											
32. Unann. Exer./Drill	NO								YES											
33. Off-hr. Exer./Drill	NO								YES											
SEMI-ANN HP DRILL #1								YES												
SEMI-ANN HP DRILL #2								YES												
SEMI-ANN SEC. SWEEP #1								YES												
SEMI-ANN SEC. SWEEP #2								YES												

PLAYER GUIDELINES

A. These guidelines define the extent of play in demonstrating the previously listed generic objectives.

1. For evaluated exercises, participants **WILL NOT** have prior knowledge of the scenario.
2. For training drills:
   a. scenario data will be treated discreetly and knowledge of the scenario will not preclude participation in the drill.
   b. coaching of players is allowed.
3. Personnel will be notified of emergency conditions through methods normally employed in making notifications (e.g., Gaitronics, pager activation or Security). The site evacuation alarm will be activated (when power is available) at ALERT, or higher classifications.
4. The Control Room will be simulated from the plant simulator.
5. For drill purposes, communications to the Control Room should be directed to the Simulator Control Room.
6. Communications involving the Control Room will be duplicated in the simulator, except for the Emergency Notification System (ENS) dedicated line and the State/County radios. A telephone will be used in the simulator for the ENS. If the State or County need to be notified as part of the drill by radio from the Control Room, they will use the radios in the EOF since there are no radios in the simulator.
7. Operational and meteorological initial conditions will be established prior to the start of the drill and will be distributed to those players who would, under actual conditions, be aware of this information.
8. Participation by onsite personnel involved with emergency response shall be carried out to the fullest extent possible without affecting plant operations or plant safety.
   a. Dispatch of teams into the power block will occur as required.
   b. Use of Protective Clothing is not expected to be simulated but will be dictated by environmental conditions the day of the drill. The decision of what to simulate will be made in accordance with AI 14-002, "Heat Stress Management Program", on the morning of the drill.
9. During actual emergency conditions, certain administrative controls may be bypassed (i.e. clearances, fire watches, procedure changes, work packages, radiation work permits, radiological postings, clearance orders, plant modification request, etc.). When performing a walk through, steps such as clearances, need not be demonstrated.
10. For drill purposes, the need for a fire watch shall be determined on a case by case basis.
11. All drill related radio, Gaitronics and telephone transmissions shall begin and end with "This is a drill".
12. **IF** the scenario requires contacting offsite organizations which are not participating, **THEN** they shall be contacted for the purpose of checking communications only.
13. Additional personnel may be called in to supplement the regular ERO staffing.
14. If Potassium Iodide is recommended for use by emergency workers, its actual ingestion will be simulated.
15. If parts or tools are needed from the Warehouse/Tool Shop they will be brought to the check-out counter, confirmed to be the correct tool / part, then returned to the Warehouse/Tool Shop.
16. If entry into hazardous areas is required by the scenario, then drill participants will simulate the entry.
17. The TSC and EOF may discuss plant recovery and reentry activities following termination of the release.
18. Actual off-site siren and tone alert radio activation will be simulated.

B. These guidelines are specific to this scenario.

1. There will be pre-staging of licensee participants in:
   a. The Wolf Creek Generating Station (WCGS) Simulator 30 minutes before the start of the drill.
   b. The Shift Supervisor's Conference Room, for Station Operators personnel only. They should be at the Operations Relief Area 30 minutes before the start of the drill. Their normal dispatch point is from the Control Room. This pre-staging reduces impact to normal Control Room activities and provides a central location for repair teams to be dispatched, prior to activation of the TSC.
   c. Public Information in Topeka (Information Clearinghouse, Media Center, and Phone Team). Team members should be in the State Defense Building (break room, lower level) by 08:30.

DRILL PARTICIPANTS

The following groups will participate as delineated below:

	WILL PARTICIPATE	WILL NOT PARTICIPATE	WILL PARTICIPATE	WILL NOT PARTICIPATE
WOLF CREEK FACILITIES / ORGANIZATIONS	5/21 Team 'B'	5/21 Team 'B'		
Information Clearinghouse,	*			
Media Center,	*			
Phone Team,	*			
Simulator/Control Room,	*			
TSC/OSC,	*			
EOF	*			
Security	*			
Wolf Creek Rep @ the County	*			
STATE OF KANSAS:				
PIO from Topeka	*			
KDHE at EOF,	*			
JRMTs (# of Teams?)	(4)			
KDEM at EOF,	*			
KDEM @ Topeka	*			
KDHE @ Topeka	*			
KDEM Communication Center @ Topeka	* (For Notifications)			
Dept. of Agriculture @ Topeka	*			
Highway Patrol @ Topeka	*			
National Guard @ EOF	*			
National Guard @ Topeka	*			
Dept. of Trans @ Topeka	*			
Dept. of Wildlife & Parks @ Topeka	*			
COFFEY COUNTY				
Coffey County PIO--at Information Clearinghouse	*			
Coffey County - at the EOF				
JRMTs (# of Teams?)	(4)			
County Commissioner	*			
Coffey County - at the Coffey County EOC				
County Commissioners	*			
Sheriff's Dept.	*			
Sheriff's Office for communications	* (For Notifications)			
Radiological Officer	*			
Emergency Preparedness Coordinator	*			
Health & Medical Management Team	*			
Shelter Systems Officer	*			
County Engineer	*			
Highway Dept.	*			
Highway Dept. Shop	*			
STATE FORWARD STAGING AREA				
Highway Patrol	*			
National Guard	*			
Dept. of Wildlife & Parks	*			
OTHER ORGANIZATIONS / AGENCIES				
Rumor Control (GO KCPL)		*		
FEMA State Liaison,		*		
FEMA PIO,		*		
NRC PIO,		*		
NRC/FEMA/FRMAC,		*		
PIOs - Western Resources, KCPL and KEPCo,		*		
Coffey County Hospital,		*		
Coffey County Ambulance		*		

NOTE: At any point, the recipient of an off site notification may request the termination of further notifications.

CONTROLLER ASSIGNMENTS AND INSTRUCTIONS

GENERAL INSTRUCTIONS

A. Controllers should report to their assigned facility no later than 0730.

B. **Controllers will ensure players do not use radios in Area 5 or other designated (posted) areas.**

C. Controllers must comply with instructions from the Drill Lead Controller.

D. Prior to the commencement of drill activities, controllers shall test communications and synchronize watches with the Drill Lead Controller.

E. Controller messages must be approved by the Facility Lead Controller prior to issuance.

F. Special messages and messages designated as contingency must be approved by the Drill Lead Controller prior to issuance.

G. Information for scenario events or data may only be provided when earned by the appropriate players.

H. Scenario information or data must not be provided prior to the time noted on the message or data sheets.

I. Maintain a log of major player actions, scenario-driven activities, alterations in scenario sequence of events, and other pertinent data or information. IF also acting as an evaluator, THEN include a list of deficiencies, weaknesses, improvement items and other observations.

Communications

A. Gaitronics will be operable from the simulator. Channel 5 shall be used for drill communications, and the phrase "This is a drill" MUST be used to distinguish drill play from normal operating traffic.

B. Appropriate channels will be utilized on the 900 mHz radio system.

Drill Lead Controller shall:

A. Provide for the overall management and technical direction of the controller team.

B. Monitor the drill to ensure that the scenario progresses in an orderly and coordinated manner.

C. Coordinate the issuance of drill messages with the other members of the controller team.

D. Approve any changes requiring an alteration in the schedule or sequence of events in the scenario.

Note: Only the Drill Lead Controller may authorize such activities as described below.

E. Temporarily freeze play after simulator failure. The Drill Lead Controller will communicate with all Lead Facility Controllers to ensure that play resumes at the same time, with the appropriate data. The Drill Lead Controller shall determine if further play is simulator or hard-copy driven.

F. The Drill Lead Controller may assemble evaluators, facility lead controllers, and facility lead players to conduct an overall drill critique, the day after the drill. The purpose of such a meeting is to capture timeline information, issues for resolution, owners for these issues, strengths, and determine whether drill objectives were met. A meeting of this type is not normally conducted after training drills.

Facility Lead Controllers shall:

A. Coordinate with the Drill Lead Controller for issuance of drill messages within the assigned facility and recovery from a simulator failure.

B. Monitor data being received and issued from the facility to ensure consistency with the scenario.

C. Maintain a log of major player actions, scenario-driven activities, alterations in scenario sequence of events, and other pertinent data or information. IF also acting as an evaluator, THEN include a list of deficiencies, weaknesses, improvement items and other observations.

D. Supervise the facility support controllers.

E. Collect all logs and paperwork generated by facility support controllers and players.

F. Ensure that all controllers, evaluators and players are prepared to attend a player's critique immediately following the drill. A critique shall be held in each facility. Facility Leads shall request that the players spend approximately 15 - 30 minutes after the drill to identify and assign drill improvement issues, strengths, weaknesses and important timeline information.

G. Conduct a facility controllers critique after the player's critique. Important timeline information should be captured in this critique. The facility lead controller will collect issues and assign ownership of those issues.

H. Participate in the drill critique. The facility lead controller should bring issues and owners of these issues to the overall drill critique. Important timeline information should also be brought to this meeting. If there is no overall drill critique, the facility lead controllers shall forward an electronic summary of their performance report(s), and hard copies of all drill generated forms.

PUBLIC INFORMATION CONTROLLERS

Phone Team Controllers

A. Call 1-800-354-3831 (Topeka) to ask the phone team questions. Prepare questions in advance, or develop questions during the play using scenario information, information you receive from the phone team, or from statements made during news conferences.

B. Should challenge the phone team to ensure that they understand:
   1. How individuals with special needs would be identified and addressed during an evacuation.
   2. How school being in session would effect the need to evacuate a subzone
   3. How questions regarding employee injuries would be handled
   4. Sheltering requirements for people in subzones encouraged to "Shelter in place."

Media Controllers

A. Do not use detailed job-specific knowledge to ask questions or form assessments of the news conference. If you know that an answer provided is obviously incorrect or misleading, you need to note this in your log.

B. As a member of the media you have deadlines to meet and require a great deal of information in a timely manner. Be sure to portray this sense of urgency during news conferences. If you're not receiving information needed to write your story or complete your newscast, let that be known. Ask questions. Be as polite as you perceive media would be in this situation--some are very polite, others considerably, but be aggressive enough to get what you need to complete your job.

C. When you are not in a news conference or writing a story, try to find other information by pressing the Media Liaison and calling the phone team with questions. You may start to call 1-800-354-3831 once the Topeka Phone Team is activated.

CONTROLLERS

ASSIGNMENT	FACILITY LEAD	ASST. LEAD	STAFF CONTROLLER	EVALUATOR
Drill Lead Controller Offsite Comm. Control Cell	**Ken Thrall**	Doug Birk	Lee Ann Pock	
Control Room	**Ralph Ewy** *			
CR (Simulator) Controller	Tim Fraker *	Jacob Starr *		
CR HP / Chemistry			Bill Ketchum	
CR Communications			Mindy Sadowski	
NSO Control Cell			Mike Mitchell	
Security			Montie McKinney	
TSC	**Dennis Mosebey**	Mona Guyer		Donna Jacobs
OSC (Asst.)		Clarence Rich		Jesse Smith
Engineering			Ervin Prather	Russ Taylor
TSC/OSC Health Physics			Pam Bedgood	
TSC/OSC Onsite Teams			Maurice Leap Ron Hazlett Mo Fakhrai Deed Wiltse Keith Meriwether	
TSC Communications			Betty Sayler	
EOF	**Jim Zell**	Mike Westman		Rich Flannigan
Admin / Comm			Betty Sayler	Tim Card
EOF Dose Assessment			Bill Ketchum	Tom Moreau
EOF Field Team Control			Ray Ryan	
Offsite Monitoring Teams			Kathy Hubbard Tammy Just Teresa Rice Steve Trendel	
HPN (X-5209)			Ralph Logsdon	
ENS (X-5206)			Chuck Sibley	
State Forward Staging Area			Ken Craighead	
County EOC			Art Mah	
Lead Public Inf.	**Todd Anselmi**	Terry Garrett		Steve Boyce
Inf. Clearinghouse			Warren Befort	Rick Vilander
Phone Team Room			Mark Ferrel	Janet Osmundson
Media Center / AV				
PHONE TEAM Coordinator PHONE TEAM			Larry Teal Steve Chen Jim Gore Mark McMullen Wayne Smith Marvin Tower	

* Operations support personnel.

CONTROLLER PHONE NUMBERS

CONTROLLER POSITIONS	PHONE NUMBER
DRILL LEAD	Ext. 5818 785-575-4976 (PAGER)
Control Room Lead (Simulator)	Ext. 5112
Simulator Operator	Ext. 5112
TSC Lead	Ext. 4509 Ext. 5324 TSC Conference Rm.
EOF Lead	Ext. 5071 / 5368
JRMT Vehicles	
Vehicle 1042	(620) 437-6609
Vehicle 1043	(620) 437-6613
Vehicle 1094	(620) 437-6614
State vehicle	(785) 221-2814/ (785) 221-6788
Security Lead	Ext. 5376
State EOC	(785) 274-1445
County EOC	(620) 364-2721
State Forward Staging Area	(620) 256-6187
Public Information Lead--Topeka	(785) 267-0669 (NRC Line)
Public Information Lead Cell-WC	(620) 364-8831 (Ext. 5427)

From a Rolm single line phone:					
To Transfer:	Flash	Dial 2nd #	Flash	Announce Caller	Hang-up
To Conference:	Flash	Dial 2nd #	Flash	(can repeat up to 5 times)	

FACILITY/POSITION PHONE NUMBERS

Control Room
Shift Manager 4802
NSOs (SM Conference Room) 4870
Simulator
Shift Supervisor 5800 or 5802
Operations Communicator 5680

TSC
Site Emergency Manager 5341
Radiological Coordinator 5352
Operations Coordinator 5345
Maintenance Coordinator 5347
Administrative Coordinator 5375
Security 4399
Public Information--Topeka
WC Public Information Officer 785-267-0649
Public Information Manager 785-267-0651
Technical Support 785-267-3228
News Writer 785-267-0603
Phone Team Manager 785-267-1441
Media Conference phone 785-267-9327
Audio Visual Support 785-267-0537
PC line for e-mail 785-267-1134
Phone team controllers / evaluators should call. **1-800-354-3831**
State Public Information Officer **(785) 274-1192 or (785) 267-0688**

EOF
Offsite Emergency Manager 5342
Administrative Coordinator 5378
Radiological Coordinator 5355
Operations Coordinator 5368
5353
Engineering Team Coordinator 5310
Operations Recorder 5387
5361
Onsite Public Information Coordinator 5396 or 364-4152
Operations Status Recorder 5704
Dose Assessment Coordinator 5356
Team Director 5391
Offsite PIC 5372

The ENS and HPN should call the numbers listed for HPN and ENS Controller Assignments (page 7) or "PHONE NUMBERS TO BE USED FOR OFFSITE AGENCIES" (page 21).

CORNERSTONE TRACKING LOG

Evaluator Name: _____ **Drill Date:** _____ **ERO Team:** ___

Facility Activation (TSC 30 / 75 -- EOF 90) **Facility Evaluated:** _____
Time of Activation: _____ Requirement Met? Y / N : _____

Staffing
"Augmentation" staffing met? Y / N
Unstaffed Positions: _____

CLASSIFICATIONS[1]

NUE
INITIATING EVENT DESCRIPTION: _____ TIME OCURRED: _____ TIME IDENTIFIED: _____
Classification Time: _____ ELAPSED TIME: _____ MINUTES
Classification per Scenario? Y / N
State notified @ TIME: ___ , _____ minutes after PAR declaration.
County notified @ TIME: _ , _____ minutes after PAR declaration.

ALERT
INITIATING EVENT DESCRIPTION: _____ TIME OCURRED: _____ TIME IDENTIFIED: _____
Classification Time: _____ ELAPSED TIME: _____ MINUTES
Classification per Scenario? Y / N
State notified @ TIME: ___ , _____ minutes after PAR declaration.
County notified @ TIME: _ , _____ minutes after PAR declaration.

SAE
INITIATING EVENT DESCRIPTION: _____ TIME OCURRED: _____ TIME IDENTIFIED: _____
Classification Time: _____ ELAPSED TIME: _____ MINUTES
Classification per Scenario? Y / N
PARs REQUIRED: Y / N PARs CORRECT: Y / N Effected Sub-zones: _____
State notified @ TIME: ___ , _____ minutes after PAR declaration.
County notified @ TIME: _ , _____ minutes after PAR declaration.

GENERAL
INITIATING EVENT DESCRIPTION: _____ TIME OCURRED: _____ TIME IDENTIFIED: _____
Classification Time: _____ ELAPSED TIME: _____ MINUTES
Classification per Scenario? Y / N
PARs REQUIRED: Y / N PARs CORRECT: Y / N Effected Sub-zones: _____
State notified @ TIME: ___ , _____ minutes after PAR declaration.
County notified @ TIME: _ , _____ minutes after PAR declaration.

Protective Action Recommendations (PAR)[2] **(See Scenario Timeline, Page 18)**
INITIATING EVENT DESCRIPTION: _____ TIME OCURRED: _____ TIME IDENTIFIED: _____
PAR Developed @ Time: _____ ELAPSED TIME: _____ MINUTES
Effected Sub-zones: _____ Sub-zones per Scenario? Y / N PARs CORRECT: Y / N
State notified @ TIME: ___ , _____ minutes after PAR declaration.
County notified @ TIME: _ , _____ minutes after PAR declaration.

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[1] Classifications and Protective Actions should be determined within 15 minutes of initiating event identification (i.e. receipt of data on equipment status, completion of offsite dose assessment). The ERO may not always classify an event exactly the way the scenario specifies. This could be due to conservative decision-making, Emergency Manager judgment call, or a simulator driven scenario that has the potential for multiple 'forks'. Situations can arise in which assessment of classification opportunities is subjective due to deviation from the expected scenario path. In such cases, evaluators should document the rationale supporting their decision. Evaluators must determine if the classification was appropriate to the event as presented to the participants and in accordance with the approved emergency plan and implementing procedures.

Protective Action Recommendations (PAR) **(See Scenario Timeline, Page 18)**

INITIATING EVENT DESCRIPTION: _____ TIME OCURRED: _____ TIME IDENTIFIED: _____
PAR Developed @ Time: _____ ELAPSED TIME: _____ MINUTES
Effected Sub-zones: _____ Sub-zones per Scenario? Y / N PARs CORRECT: Y / N
State notified @ TIME: _____ , _____ minutes after PAR declaration.
County notified @ TIME: _____ , _____ minutes after PAR declaration.

Protective Action Recommendations (PAR) **(See Scenario Timeline, Page 18)**

INITIATING EVENT DESCRIPTION: _____ TIME OCURRED: _____ TIME IDENTIFIED: _____
PAR Developed @ Time: _____ ELAPSED TIME: _____ MINUTES
Effected Sub-zones: _____ Sub-zones per Scenario? Y / N PARs CORRECT: Y / N
State notified @ TIME: _____ , _____ minutes after PAR declaration.
County notified @ TIME: _____ , _____ minutes after PAR declaration.

Accountability

Completed within 30 minutes? (Y / N): _____ Maintained? (Y / N): _____

Communication

Number of times "Timeout" was used: _____ Failed to use "3-way communication: _____
Failed to Communicate data within facility: _____ Failed to Communicate data outside facility: _____

Consider: Timeliness and accuracy of data communicated. Communication to appropriate organizations.

Command and Control

Priorities are established? (Y / N) _____ Posted? (Y / N) _____
Number of facility briefings: _____ Number of briefings where "Priorities" are reviewed: _____
Number of management meetings: _____ 50.54(x) invoked? (Y / N) _____

Consider: Quality of briefings, Evaluation of data and priorities, Ability to delegate.

Number of Teams Dispatch

Search and Rescue: _____ Maintenance Repair: _____ Medical: _____ Survey: _____
Number of Individuals or Teams Dispatched (not originating from TSC/EOF): _____

Consider: Quality of team formation, briefing and team tracking.

Radiological Protection

Number of staff potentially overexposed: _____ Number of failures to maintain doses ALARA: _____

Consider: Deviations from normal Radiological practices, Timeliness of dose assessments, Assumptions made for dose assessments, Plume tracking success.

Public Information

No. of Approved News Statements: _____ No. of Rumors Identified: _____
No. of News Statements without an error: _____ No. of Rumors Answered in News Statements: _____
No. of News Conferences: _____ No. of Rumors Addressed in Press Conferences: _____

WOLF CREEK NUCLEAR OPERATING CORPORATION
EVALUATION LOG SHEET

Name: _____ Date: _____

Assignment: _____ Page: _1_ OF _____

TIME		

Key Activities:

1. Facility Activation
2. Immediate Emergency Notifications
3. Teams Dispatched
4. Staffing
5. Accountability
6. Radiological Protection
7. Classifications
8. Communication
9. Public Information
10. Protective Action Recommendation
11. Command and Control

WOLF CREEK NUCLEAR OPERATING CORPORATION
EVALUATION LOG SHEET

Name: _____ Date: _____

Assignment: _____ Page: 2 OF _____

TIME		

Key Activities:

1. Facility Activation
2. Immediate Emergency Notifications
3. Teams Dispatched
4. Staffing
5. Accountability
6. Radiological Protection
7. Classifications
8. Communication
9. Public Information
10. Protective Action Recommendation
11. Command and Control

WOLF CREEK NUCLEAR OPERATING CORPORATION
EVALUATION LOG SHEET

Name: _____ Date: _____

Assignment: _____ Page: 3 OF _____

TIME		

Key Activities:

1. Facility Activation
2. Immediate Emergency Notifications
3. Teams Dispatched
4. Staffing
5. Accountability
6. Radiological Protection
7. Classifications
8. Communication
9. Public Information
10. Protective Action Recommendation
11. Command and Control

WOLF CREEK NUCLEAR OPERATING CORPORATION
EVALUATION LOG SHEET

Name: _____ Date: _____

Assignment: _____ Page: 4 OF _____

TIME		

Key Activities:

1. Facility Activation
2. Immediate Emergency Notifications
3. Teams Dispatched
4. Staffing
5. Accountability
6. Radiological Protection
7. Classifications
8. Communication
9. Public Information
10. Protective Action Recommendation
11. Command and Control

WOLF CREEK NUCLEAR OPERATING CORPORATION
EVALUATION LOG SHEET

Name: _____ Date: _____

Assignment: _____ Page: 5 OF _____

TIME		

Key Activities:

1. Facility Activation
2. Immediate Emergency Notifications
3. Teams Dispatched
4. Staffing
5. Accountability
6. Radiological Protection
7. Classifications
8. Communication
9. Public Information
10. Protective Action Recommendation
11. Command and Control

PHONE TEAM CONTROLLER FORM

Date _____ **Time Call Placed** _____ **Sequence #**_____

Evaluator:	**Representing: Citizen Media Other**
Phone # Called:	**Phone Team Member:**

Question:

Response:

OBSERVATIONS

Is the answer received accurate to the best of your knowledge?	YES	NO
If No - Comment:		
Is the person answering your questions courteous and helpful?	YES	NO
If No - Comment:		
Does the phone team member seem concerned about you?	YES	NO
Are the answers you get provided in a timely manner?	YES	NO
If No - Comment:		
If the phone team doesn't know an answer to a particular question, do they get back with you on it?	YES	NO
Do they speculate or give you their opinion of what they "think" may be happening or about to happen?	YES	NO
If Yes - Comment:		
If you call to ask a question relating to a rumor, do you get a timely response to the validity of the rumor?	YES	NO
If No - Comment:		
If you ask the same question of several phone team members or spokespersons at virtually the same time, do you receive virtually the same answer?	YES	NO
If No - Comment:		
Have you identified the phone team members' strengths and weaknesses on the Performance Report?	YES	NO
Other Comment(s):		

SCENARIO

Operational events will be conducted as written. Other events may vary from those written according to the actions of the players.

NARRATIVE SUMMARY

This sequence results in a release of radioactive materials, ensuring that conditions shall require an evacuation of down wind sectors.

INITIAL CONDITIONS

Initial conditions establish the plant is operating at 100% of full power, late in core life. Electrical demand in the area is heavy. 'A' Service Water pump is out of service for repair. Flux mapping is in progress. Per AP 19B-001, "FAILED FUEL ACTION PLAN", we are in Action Level 3. Current levels have been greater than FRI 4 for two days, and levels are continuing to increase. Because of this, the initial containment atmosphere has an elevated concentration of radioactivity. Therefore, the containment area radiation monitors have elevated readings. There is a management meeting scheduled for 1600 to discuss shutting down in order to perform a fuel inspection.

The Fuel Building Rollup door is stuck, fully open. The transfer canal is empty. HEV8585, Recycle Evaporator Feed Filter to Fuel Transfer Canal, is tagged out. Valve has been removed from the piping for repair on a bench.

Towards the end of refuel 12, workers above the area of the transfer tube had dropped material which landed on the transfer tube. There had been some trouble reinstalling the flange, but it was eventually installed. The subsequent inspection did not identify any faults.

SEQUENCE OF EVENTS

At 0800 the Radwaste Building truck bay area radiation monitor alarms (SDRE-07), reading in excess of 240 mR / Hr., then the Control Room is notified of a resin spill in the Radwaste Building. This results in the declaration of an ALERT.

At 0900 transformer XSL31 fails, causing 'B' & 'C' Service Water pumps to fail due to a loss of power, which leads to a reactor trip.

At 0915, transformer XNB01 suffers an internal fault, causing XNB01 to isolate. 'A' diesel generator starts and loads, but after several minutes it stops when its fuel strainer becomes clogged (~0920).

At 0930, PA00201 fails open. The component cooling water to regenerative heat removal isolation valve (EGHV102) fails closed, ensuring that there is no available core cooling after ECCS suction transfers to the containment sumps.

At 1000 an incore thimble tube fails, which, causes the reactor coolant system to begin losing inventory into containment. The initial leak rate is approximately 480 gpm. This results in the declaration of a Site Area Emergency.

At 1030, an accident involving a gasoline transport tanker occurs on Highway 75, beneath the bridge where I-35 crosses over. This forces a temporary closure of both highways.

At 1200 the integrity of the transfer tube fails. The RCS leak rate increases to 10,000 gpm. With the Fuel Building rollup door stuck open, there is an unfiltered release path to the public. This will require an evacuation of down wind populations out to 10 miles. This results in the declaration of a General Emergency.

There is no mitigation that will terminate the release until the plant is cooled to below 212 °F.

Environmental samples shall be collected and transported to the EOF.

The drill will be terminated at approximately 1400.

TIMELINE

TIME		CLASSIFICATION[2]	EVENT
0730	(H-00:30)		Initial conditions are provided to the Shift Manager.
0800	(H+00:00)		Drill activities begin.
0800	(H+00:00)	ALERT[3]	Resin spill in Radwaste Building. • SDRE reading > 240 mR / Hr
0900	(H+01:00)		XSL31 fails. • Reactor trip • B & C Service Water Pumps fail
0915	(H+01:15)		XNB01 fails
0920	(H+01:20)		'A' Diesel Generator fails
0930	(H+01:30)		PA00201 Fails • EGHV0102 fails closed.
1000	(H+02:00)	SAE[4]	Loss of reactor coolant boundary • SIS – Emergency boration begins
1030	(H+02:30)		Accident at Hwy 75 & 35 interferes with evacuation route
1200	(H+04:00)	GE[5]	Release radioactive materials to the public • Transfer tube boundary fails
1220	(H+04:20)		RCS activity begins to seriously trend upward • CHARMS also begins to seriously trend upward
~1330	(H+05:30)		Offsite teams collect environmental samples.
1400	(H+06:00)		Exercise is terminated.
1600	(H+08:00)		Critique completed.

[2] Times noted for emergency classification are based on the initiation of the causal event and do not reflect time required for event diagnosis. The actual time of classification could vary significantly. The ERO may not always classify an event exactly the way the scenario specifies. Situations can arise in which assessment of classification opportunities is subjective due to deviation from the expected scenario path. The actual subzones which are recommended to be evacuated could be significantly different, depending upon the assumptions used.

[3] An ALERT should be declared per the WCGS Emergency Plan due to the EAL-1, Radiological Effluent Release chart.
Sequence:
1-RER-1 No
1-RER-5 Yes, SDRE-07 reading in excess of 240 mR/Hr
1-RER-3 No
ALERT Alert

[4] It is expected that a Site Area Emergency will be declared when the loss of reactor coolant begins.
Sequence:
3-LRCB-1 Yes, Leak > 25 gpm
3-LRCB-2 Yes, Leak > 1 CCP, CTMT rad monitors offscale
3-LRCB-3 Yes, GTRE 59 / 60 >250 R/Hr
3-LRCB-4 No.
3-LRCB-8 No.
SAE

[5] It is expected that a General Emergency will be declared when the CHARMs EXCEEDS 2,500 R / Hr..
Sequence:
3-LRCB-1 Yes, Leak > 25 gpm
3-LRCB-2 Yes, Leak > 1 CCP, CTMT rad monitors offscale
3-LRCB-3 Yes, GTRE 59 / 60 >250 R/Hr
3-LRCB-4 No.
3-LRCB-8 Yes, GTRE 59 / 60 >2500 R/Hr
GENERAL EMERGENCY

DAILY PLANT REPORT

To be provided only after demonstrating knowledge of where report can be found.

AIF 21D-002-01, Rev. 2

DAILY PLANT REPORT

Date **TODAY** Time 0400

Mode 1 Reactor Power 3564 RJU 158MA

Previous Day's Generation 0000 to 2400 hours GMWH 29582 NMWH 28564

Generator Load (Instantaneous) (GMWe) 1239 (MAP0001)

Condenser Absolute Pressure (INHGA) High 2.96 (ACP0218)
Intermediate 2.09 (ACP0211)
Low 1.86 (ACP0204)

Main Condenser In-Leakage (scfm) 29.1 (Systems)/(Operations)

Dissolved O_2 in the Hotwell (PPB) 2.6 (Chemistry)

Blowdown Rate (KP/H) 119 (BMU0704)

Reactor Pressure (PSIG) 2237 (BBU0482)

Reactor Coolant Tavg (°F) 586.5 (BBT0499A)

Reactor Coolant Sys. Boron Concentration (ppm) 60 (Chemistry)

Calendar Days of Continuous Operation (Gen. Output Brkr Clsd) 475

Lake Level 1087 (EFL0027)

Circ Water Inlet Temperature 56.1 (Avg. of DAT0050 and DAT0049)

Circ Water Pump Discharge Pressure (PSIG) 21 (IPI CW012A)

Major Plant Activities

Form APF 22C-002-02 Rev 1

Wolf Creek

Nuclear Operating Corporation

Date: TODAY
Work Week: 407
Continuous days on line: 475

Today's Operational Focus

Mode 1 **Train B** **Plant Awareness Level 1**
Reactor Power 3564 Mwh **Generator Load** 1238 Mwe

Protected Train: A

Tech Spec/TRM Action Statements [3.2.10]

NIGHTS:

Emergent work

Shift Manager Concerns

Failed Fuel Action Level 3.

Rod Drive MG Set
Halon. OOS-both banks
Continuous Firewatch

Major POD Activities

☐ ☐ HKE14 Cask Crane

Night Shift

Shift Manger:
Work Week Manager: B Bahr
Call Superintendent: On-Call Emergency Manger

	On Schedule	Goal	Backlog
Control Room Tags	0	5	4
Powerblock Correctives	2	90	121
SR Powerblock Correctives >6 mos	1	5	18
Pre-outage	3	0	0

Plant Status/Health

Plant Status

RCS leakage identified .784 gpm
Unidentified 0.067 gpm
SGBD Flow 56.1 kbh
Condenser in-leakage 29.1/9.9 cfm
AK: In-service C
Stand-by 2 BEDS
Ball cleaning in-service: Both
Lake temperature 52.3° F
Level: 1083.95 ft

Out of Service/Degraded

Service Water Pump A, bearing replacement
HEV8585, Rebuild

Additional Items

Next Working Day

Nights:

OFFSITE CONTACTS / CONTROL CELL PHONE NUMBERS

AGENCY	ACTUAL NUMBER	CONTROL CELL NUMBER[6]
American Nuclear Insurers	860-561-3433	**5695**
Coffey County Sheriff	**364-2123**	5691
ENS		**5206**
HPN		**5209**
INPO	800-321-0614	**5697**
NRC Resident	4574 / 4575	**5693**
Security	**4999**	5376
State of Kansas (KDEM)	**785-296-3176**	5692
System Dispatch	785-575-6078	**5694**
Work Week Manager		**5112**
Call Superintendent		
	Team A – Jim Gilmore	(X-4047)
	Team B - Edward Ray	**(X-4429)**
	Team C – Dale Berry	(X-8269)
	Team D - Bob Kopecky	(X-4732)

Other Phone Numbers

Computer Operator Extension 5696

In order to make the multi-line phone work for the ENS or HPN control cells, the following directions should be used:

1. When a call comes into your incoming line (5206 for ENS, and 5209 for HPN), pick up the phone then push the button next to the appropriate number (There should be a flashing arrow in the LCD next to the button).
2. Answer the first caller, get his extension, then call him back from the correct outgoing line (5204 for ENS, and 5208 for HPN).
3. When the next person calls:
   a. push hold once
   b. push the button next to your incoming number
   c. get the caller's extension
   d. push your outgoing number (this will disconnect the incoming line)
   e. push conference once
   f. call the second caller
   g. push conference again - everyone should still be on the line.

You can repeat this as often as necessary to connect as many callers as you receive (it should not exceed 3 but could be less).

[6] Phone numbers normally expected to be used for drill purposes are in bold.

SHIFT MANAGER RELIEF CHECKLIST

OFF-GOING SHIFT (CHECK BOX)	DATE	OFF-GOING SM (PRINT) Off Going
DAYS ☐ NIGHTS ☒	Today	ON-COMING SM (PRINT) On Coming

PLANT STATUS SUMMARY ON-COMING SM REVIEW PRIOR TO ASSUMING SHIFT
MODE 1 Additional Pages

EVOLUTIONS IN PROGRESS:
100% Power, End of Core Life
Heavy electrical demand
AP 19B-001, Failed Fuel Action Plan, Action Level 3

SIGNIFICANT MAINTENANCE RESTORATION IN PROGRESS:
Service Water Pump 'A' OOS, bearing replacement
HE V8585 tagged out and removed to the shop for rebuild.

SIGNIFICANT TESTING/RESTORATION IN PROGRESS:

RADWASTE STATUS:

GENERAL: Executives meeting at 1600 to determine a course of action (Degraded fuel / RCS leak).

REVIEW THE FOLLOWING PRIOR TO ASSUMING SHIFT: (CHECK BOX)
- ☐ SHIFT MANAGER LOG
- ☐ FIRE PROTECTION IMPAIRMENTS
- ☐ EQUIP. OUT OF SERVICE LOG
- ☐ ESSENTIAL READING
- ☐ SHIFT CREW COMPOSITION
- ☐ SURVEILLANCE SCHEDULE
- ☐ ACTION STATEMENT SUMMARY
- ☐ COMBUSTIBLE MATERIAL LOG
- ☐ BREECH AUTHORIZATIONS
- ☐ IGNITION SOURCE PERMITS
- ☐ LICENSED OPERATOR QTR SIGN-OFF LOG UPDATED ____/____

REVIEW THE FOLLOWING AFTER ASSUMING SHIFT: (CHECK BOX)
- ☐ TEMP. MODIFICATION LOG
- ☐ CLEARANCE ORDER INDEX
- ☐ OPERATIONS TRACKING PROGRAM UPDATED ____/____
- ☐ DISCHARGE PERMITS IN EFFECT
- ☐ CONTROL ROOM LOG
- ☐ ENSURE BLDG WATCHES REVIEW ESSENTIAL READING
- ☐ SUBSTATION AUTHORIZATION FORMS [3.2.22]

OFF-GOING SM _____ INITIALS

ON-COMING SM _____ INITIALS

SHIFT MANAGER RELIEF CHECKLIST

SHIFT COMPOSITION

SM	SHIFT MANAGER
CRS	CONTROL ROOM SUPERVISOR
RO	REACTOR OPERATOR
SE	SHIFT ENGINEER
BOP	BALANCE OF PLANT
ABO	AUXILIARY BUILDING WATCH
TBO	TURBINE BUILDING WATCH
RBO	RADWASTE BUILDING WATCH
SWO	SITE WATCH
WTO	WATER TREATMENT OPERATOR
OSC	OFF-SITE COMMUNICATOR

FIRE BRIGADE

	BRIGADE LEADER
M1	MEMBER
M2	MEMBER
M3	MEMBER
M4	MEMBER

OTHER

SUP	CALL SUPERINTENDENT
HT	HP TECHNICIAN
CT	CHEMISTRY TECHNICIAN

CONTROL ROOM TURNOVER CHECKLIST

DATE : Today	NIGHT SHIFT		DAY SHIFT	X	MODE- 1

OFF-GOING: (PRINT)			ON-COMING: (PRINT)		
	CRS	OFF going CRS 1		CRS	CRS 2
	RO	OFF going RO 1		RO	RO 2
	BOP	OFF going BOP 1		BOP	BOP 2
	SE	OFF going SE 1		SE	SE 2

ON-COMING CRS/SE/RO/BOP REVIEW

EVOLUTIONS IN PROGRESS:

1) 100% power for 475 days

2) Diluting 200 gals every two hours for temperature control

3) AP 19B-001, Failed Fuel Action Plan, Action Level 3

MAINTENANCE IN PROGRESS: [Commitment Steps 3.2.9, 3.2.11]

Service Water Pump 'A' OOS for bearing replacement

HE V8585 tagged out and removed to shop for rebuild.

TESTING IN PROGRESS: [Commitment Steps 3.2.9, 3.2.11]

1) None

CONTROL ROOM TURNOVER CHECKLIST

COMMENTS:

Executives are meeting to determine a course of action (Degraded fuel / RCS leak). Decisions are expected by 1600.
CHM notified to expedite LRP generation to support Radwaste processing.

WORK REQUEST:

FOLLOW-UP BUTTONS: NONE

CONTROL ROOM TURNOVER CHECKLIST

REACTOR POWER 100 % RCS: 586.5 °F 2235 PSIG

ROD CONTROL AUTO [X]

MANUAL [ ]

CONTROL BANK D 229 STEPS

RCS BORON (C_b) 60 PPM @ DATE/TIME Today / 0430

LEAK RATE (GPM): ACTUAL IDENTIFIED (B.7.8) 0.784 T/S UNIDENTIFIED (B.8.1) 0.0546 @ DATE/TIME Today / 0430

COND. AIR INLEAKAGE (IAW STN CH-020) 29.1 scfm

TANKS AP FILLING [ ] AN FILLING [ ] BL FILLING [ ] BL ON RECIRC [ ]

CONDENSATE DEMINS IN SERVICE A [ ] B [ ] C [X] D [ ] E [ ] F [ ]

ESF STATUS PANELS AND REACTOR TRIP/BLOCK PANEL

PANEL	COMPONENT/TRIP/BLOCK	REASON

CONTROL ROOM TURNOVER CHECKLIST

ON-COMING CRS/SE/RO/BOP REVIEW (Check Box)

PRIOR TO ASSUMING WATCH

CRS	SE	RO	BOP	
				CONTROL ROOM LOGS
				ESSENTIAL READING
				CLEARANCE ORDER LOG
				INSTRUMENT OUT-OF-SERVICE LOG
				EQUIPMENT OUT-OF-SERVICE LOG
				ACTION STATEMENT SUMMARY
				SURVEILLANCE SCHEDULE
	N/A			FIRE PROTECTION PERMITS
	N/A	N/A	N/A	KC008 NOT DISABLED/DISARMED WITHOUT DOCUMENTATION
	N/A	N/A	N/A	DISCHARGE PERMITS
				MCB WALKDOWN WITH OFF-GOING WATCH

AFTER ASSUMING WATCH

CRS	SE	RO	BOP	
				TEMP MOD LOG
	N/A	N/A	N/A	LOCKED VALVE LOG
				COMPUTER ALARM SUMMARY
	N/A	N/A	N/A	CONDUCT SHIFT BRIEF
		N/A	N/A	POD SCHEDULE
	N/A	N/A	N/A	OPEN PROCEDURES BOOK (Reference Step 3.1.18)
				OPEN WCGS SUBSTATION WORK AUTHORIZATION FORMS [Commitment Step 3.2.27]
	N/A	N/A	N/A	BRIEF RO ON 10% RAPID DOWN POWER WHEN ≥10% RTP

ATTACH ANY ADDITIONAL PAGES NEEDED TO DESCRIBE PLANT CONDITIONS. MARK THE NUMBER OF ADDITIONAL PAGES _____

OFF-GOING		ON-COMING	
CRS	OFF going CRS	CRS	
RO	OFF going RO	RO	
BOP	OFF going BOP	BOP	
SE	OFF going SE	SE	
	INITIALS		INITIALS

ALARM WINDOW DESCRIPTION

WINDOW	NAME	REASON	WR/WO

INTERMITTENT ALARMS

KC008 ALARMS

EQUIPMENT OUT OF SERVICE LOG

EOL DATE/NUMBER	SYSTEM	DECLARED INOPERABLE DATE/TIME/INITIAL (SM/CRS)	REQUIRED RETURN DATE/TIME/INITIAL (SM/CRS)	APPLICABLE MODES	MODE RESTRAINT	TECH SPEC TRM ODCM	DECLARED OPERABLE DATE/TIME/INITIAL (SM/CRS)
REMARKS/EQUIPMENT/AR/TMO/CO/RETEST							
2003-0040	WS	N/A	N/A	N/A	N/A	N/A	
Service Water Pump A, bearing replacement							

INSTRUMENT OUT OF SERVICE LOG

OOS SEQUENCE NUMBER	COMPUTER POINT DESIGNATOR (1)	DOCUMENT NUMBER (2)	OOS TIME/ DATE	AFFECTED COMPUTER PROCESS OR READ-OUT DEVICE	REASON APPLIED	SM/CRS VERIFIED APPLICABLE TS, TRM AND MODE RESTRAINT	TAG REMOVAL AUTHORIZATION (SM/CRS INITIAL TIME AND DATE)
				EJ LI 0008 OOS			

NOTE: 1) FOR INSTRUMENTS OTHER THAN COMPUTER POINTS ENTER N/A.
2) VERIFY OOS SEQUENCE NUMBER IS ON ACTION/WORK REQUEST AND LIST ACTION/WORK REQUEST NUMBER IN THIS COLUMN.

ACTION STATEMENT SUMMARY LOG 1					
E.O.L. YR.	TECH SPEC #	ENTERED DATE/TIME/SM/CRS	DEADLINE DATE/TIME/SM/CRS	REMARKS	RESTORED DATE/TIME/SM/CRS

CHEMISTRY TURNOVER CHECKLIST

Date	TODAY	**Tech Spec/TRM/ODCM LCO Required Sampling**			
On-coming:	On-coming Tech	Sample Required	WCGS Sample Due Time	TS/TRM/ODCM Sample Due Time	Date/Time Sampled
Off-going:	Off-going Tech	Accumulators if added to (due to addition of blended flow to RWST)			
Mode:	1				
Nights		**Days:**	x		

Abnormal Conditions
(Check all that apply)
(Explain in comment section)

Gas Decay Tank Adds	
Tank Added to _____	
D/T Enter_____	
D/T Exit_____	
[Commitment Step 3.2.1]	
≥ 15% TPC	
Mode 3-2/2-3 Change	
Rad Monitors Inoperable:	
HB-RE-18	
HF-RE-45	
BM-RE-52	
LE-RE-59	
HF-RE-95	
GE-RE-92	
GHRE10B/GTRE21B	
GHRE10A/GTRE21A	
GTRE31/GTRE32	

Work Items Carried Over

1. RHUT 'A' needs sampled for pre-processing.
2. Follow worksheet for RCS sampling frequency.
3. Check quals prior to performing any work.

Pre-Relief Reviews	
Offgoing:	
Pager turned over	X
Review Abnormal Cond. Forms	N/A
Review ticklers	X
CTMT Press. 5"	X

Abnormal Conditions Comment

See Board

1. We are in A.L. 3 for FRI - OPS has increased letdown to 120 gpm.

Oncoming:	
Review Abnormal Cond. Forms	
Review Ticklers	
Review Process monitor log	
Review Radwaste tank level log	
Notify Control Room of on-coming Shift Chemist	
Watch Relieved	
Off-going (init.)	
On-coming (init.)	

Equipment Problems/Action Requests/Nice to Know

See Board

1. D2964 O.O.S. – continue to run nightly e-cals for KM.
2. WR written on SG quick disconnects at SJ panel.
3. Meeting will be held to discuss shutting down for determination of fuel failures.

Chem/Ops Action Forms

NUE

To be used during drills ONLY!

NOTE: Precede any use of a Site wide alarm (i.e. Site Evacuation Alarm) with "THIS IS A DRILL. THIS IS A DRILL".

Section	Message

1. THIS IS A DRILL!
   THIS IS A DRILL!

2. Attention all personnel, attention all personnel. Wolf Creek has declared a Notification of Unusual Event.

3. Personnel required to respond at a Notification of Unusual Event should report to your facility.

4. All other personnel continue with your normal duties unless further instructions are given.

5. THIS IS A DRILL!
   THIS IS A DRILL!

Repeat Message

ALERT

To be used during drills ONLY!

NOTE: Precede any use of a Site wide alarm (i.e. Site Evacuation Alarm) with "THIS IS A DRILL. THIS IS A DRILL".

Section	Message
1.	THIS IS A DRILL! THIS IS A DRILL!
2.	Attention all personnel, attention all personnel. Wolf Creek has declared an ALERT due to _____
3.	Emergency Response Organization members report to your assigned location.
4.	Personnel not involved in today's drill activities, continue your normal work assignments.
5.	_____ _____ Follow instructions from Security and Health Physics personnel.
6.	THIS IS A DRILL! THIS IS A DRILL!

Repeat Message

SITE AREA EMERGENCY

To be used during drills ONLY!

NOTE: Precede any use of a Site wide alarm (i.e. Site Evacuation Alarm) with "THIS IS A DRILL. THIS IS A DRILL".

Section	Message
1.	THIS IS A DRILL! THIS IS A DRILL!
2.	Attention all personnel, attention all personnel. Wolf Creek has declared a Site Area Emergency due to _____.
3.	Emergency Response Organization members report to your assigned location.
4.	Personnel not involved in today's drill activities, continue your normal work assignments.
5.	_____ _____ Follow instructions from Security and Health Physics personnel.
6.	THIS IS A DRILL! THIS IS A DRILL!

Repeat Message

GENERAL EMERGENCY

To be used during drills ONLY!

NOTE: Precede any use of a Site wide alarm (i.e. Site Evacuation Alarm) with "THIS IS A DRILL. THIS IS A DRILL".

Section	Message
1.	THIS IS A DRILL! THIS IS A DRILL!
2.	Attention all personnel, attention all personnel. Wolf Creek has declared a General Emergency due to _____.
3.	Emergency Response Organization members report to your assigned location.
4.	Personnel not involved in today's drill activities, continue your normal work assignments.
5.	_____ _____ Follow instructions from Security and Health Physics personnel.
6.	THIS IS A DRILL! THIS IS A DRILL!

Repeat Message

FIRE BRIGADE

To be used during drills ONLY!

NOTE: Precede any use of a Site wide alarm (i.e. Site Evacuation Alarm) with "THIS IS A DRILL. THIS IS A DRILL".

Section Message

1. THIS IS A DRILL!
   THIS IS A DRILL!

2. 'Fire, Fire, Fire...', Today's E-Plan designated Fire Brigade members report to the turnout lockers.

3. Duty Fire Brigade members DO NOT have to respond, continue with normal work activities.

4. Personnel not involved in today's drill activities, continue your normal work assignments.

5. THIS IS A DRILL!
   THIS IS A DRILL!

Repeat Message

MESSAGE No: 1.
TYPE: Drill

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Facility Controllers

FROM: Facility Lead

TIME: 0730

NOTE:

During an evaluated exercise, Controllers shall limit player contact to only those occasions where appropriately earned data is being provided.

Coaching is not allowed during response activities associated with the NRC Performance Indicators or during an NRC evaluated exercise

MESSAGE:

DO:

Communicate throughout the controller organization. Over communicate!! You can't communicate too much. Communications are essential to effective drill control.

For Evaluated Exercises, indoctrinate the NRC and FEMA evaluators to the conditions of the scenario.

Ensure that the scenario drill sequence (i.e., time-line) is coordinated with the Simulator and with Facility Lead Controllers.

Monitor the data being received and released from the facility to ensure consistency with the scenario and inform the Drill Lead Controller of any discrepancies.

Any out-of sequence or unanticipated Controller intervention must be authorized.

Identify and resolve potential problems which might adversely affect the progress of the drill or exercise.

Coordinate with the Drill Lead Controller on the issuance of drill messages.

Ensure all message and mini-scenario assignments are clearly understood prior to commencing drill activities.

Consider actions that might be necessary in order to complete a smooth transition to using the paper data, if simulator fails.

If the level of energy within the facility begins to fade, discuss this observation with the facility manager so they can take command and

get the team motivated again. The intended outcome is to:

keep the drill moving and to keep people thinking and performing.

provide the Manager a chance to demonstrate command and control.

ensure that everyone demonstrates good 'gamesmanship.

Be attentive to player activities being particularly mindful of conditions and actions associated with classification, protective actions and notifications.

Be creative, the scenario cannot contain every detail. Be willing to fill the void. However, if you provide additional information, make sure that that information gets passed along to your facility lead controller. (For example, if there has been a steam line rupture, it would be acceptable to include information indicating that insulation has blown throughout the area)

Watch for snags. Your main function is to make sure that the drill proceeds in accordance with how the timeline describes the sequence of events. Players are allowed some freedom of play, but when player response deviates from how the sequence was predicted, then a decision will need to be made weather or not to intercede.

During drills, coach when necessary. Do not let learning opportunities escape.

Ask questions when you do not understand.

Use the Human Error Prevention Tools.

Be aware of nuclear and personnel safety and intervene if necessary.

Behave in a professional manner.

Maintain comprehensive logs of major activities, paying particular attention to activities associated with risk significant issues.

Coach during the critique to refocus upon the Critique Guideline and to encourage improved presentation.

Ensure that a facility critique is conducted and facilitated by the facility lead player. Call a "TIME-OUT" if the critique does not establish or maintain the appropriate self-critical perspective. Consider giving a short break to allow for refocus.

Provide the opportunity to players to self-identify their own performance errors, but be ready to provide the information if necessary without hesitancy. Do so in a forthright manner.

Collect all logs and paperwork generated by controllers in facility.

Ensure inventories are initiated and completed by players.

Perform a walk-through of the facility and ensure that all equipment is returned to normal status.

Note: Do not turn the equipment off yourself. Ensure the appropriate players are notified to do this. This is a performance issue that should be documented.

DO NOT:

Make up data to fill a void, do not make up conditions outside of the scenario guidelines. (Using the example of the steam line rupture, it would be inappropriate to indicate that a near by electrical panel shows signs of being shorted out.)

Hold conversations about observed player actions or upcoming scenario events with other controllers, when within earshot of a player.

Allow observers to become involved in play or the response processes

Fail to communicate with the controller organization. If you didn't ask the question or provide the information, then you did not do your job.

During the Evaluated Exercise

KEEP THE SCENARIO CONFIDENTIAL!

DO NOT COACH NRC EVALUATED ACTIVITIES EITHER VERBALLY or WITH BODY LANGUAGE.

Note of exception to our usual exercise practices: FEMA has an different viewpoint than the NRC regarding errors made during exercise performance. The NRC does not allow coaching during an evaluated exercise. FEMA's evaluation criteria provides for the opportunity of on-the-spot-correction. FEMA views an uncorrected error as a missed learning opportunity. If you are controlling in a FEMA evaluation area involving Non-Wolf Creek emergency response personnel and identify a problem, approach the FEMA evaluator, state that you recognize a problem and ask if on-the-spot correction and re-demonstration will be allowed. If it is an area evaluated by both FEMA and the NRC, it is not clear-cut. In this latter instance, you may discuss the situation with both agencies' evaluators.

THIS IS A DRILL

MESSAGE No: 2.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead

TIME: 0730

NOTE:

1. DO NOT pass this message without the consent of the Drill Lead Controller.

2. Ensure that all control room personnel are aware of the control cell phone numbers to be used during this drill. These phone numbers are located on page 21.

MESSAGE: Brief the Shift Manager on the initial conditions on pages 18 through 32 of this scenario.

Meteorological

It is partly cloudy with winds out of the East. There is a possibility for rain later in the day.

Ensure the Chemistry Technician is aware of the initial conditions on pages 18 and 32 of this scenario.

THIS IS A DRILL

MESSAGE No: 3.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Plant Population

FROM: Drill Lead

TIME: 0745

NOTE: Dial 7920, *22

MESSAGE: Attention in the plant, attention in the plant.

An E-Plan drill is to be conducted today which shall end about 1400.
Please reserve Gai-tronics line 5 for drill communications.

Attention in the plant, attention in the plant.

An E-Plan drill is to be conducted today which shall end about 1400.
Please reserve Gai-tronics line 5 for drill communications

THIS IS A DRILL

MESSAGE No: 4.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Notification Communicators

FROM: Communications

TIME: 0800

NOTE: You will need to make copies to ensure that you are only providing the one page.

MESSAGE: Provide the list of phone numbers on Page 21 for various offsite agencies. Offsite participation is to be as described on Page 4. Phone calls to offsite agencies shall revert to the control cell if the agency indicates they no longer desire to participate.

THIS IS A DRILL

MESSAGE No: 5.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Facility Lead Controllers

FROM: Drill Lead

TIME: 0800

MESSAGE: Drill activities have commenced.

THIS IS A DRILL

MESSAGE No: 6.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Drill Participants

FROM: Facility Leads

TIME: 0800+

NOTE:

1. Initial meteorological data may be provided to any player which asks.

2. Information from the Daily Plant Report or the Daily POD Board may be provided only when it has been demonstrated that the individual has the ability to obtain this information independently.

MESSAGE: Meteorological

It is partly cloudy with winds out of the East. There is a possibility for rain later in the day.

Data from the DAILY PLANT REPORT is available on page 18

Data from the DAILY POD BOARD is available on page 20

THIS IS A DRILL

MESSAGE No: 7.
TYPE: Simulator

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead

TIME: 0800

NOTE:

DO NOT pass this message without the consent of the Drill Lead Controller.
Bulleted items should be provided only as the information is 'earned'.

MESSAGE: The following plant conditions exist:

There is an audible alarm on RM-11 (SDRE-07 is in alarm).

THIS IS A DRILL

MESSAGE No: 8.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 0802

NOTE:

DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: While transferring resin to a HIC, in preparation for shipment, the hose ruptured and we've got resin all over the place. We have left the area. I was unable to complete a comprehensive survey, but I saw general area dose rates of ~250 – 300 mR / Hr, as we were exiting the area.

THIS IS A DRILL

MESSAGE No: 9.
TYPE: Contingency

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 0817+

NOTE:

DO NOT pass this message without the consent of the Drill Lead Controller.

Times noted for emergency classification are based on the initiation of the causal event and do not reflect time required for event diagnosis. The actual time of classification could vary significantly.

Depending on the time devoted to leak location diagnostics, this classification may not be declared.

MESSAGE: An ALERT should have been declared per the WCGS Emergency Plan due to the EAL-1, RADIOACTIVE EFFLUENT RELEASE chart based on the magnitude of the dose rates in the Radwaste building.

Sequence:

1-RER1 No

1-RER5 Yes, SDRE-07 > 240mR / Hr

1-RER3 No

ALERT

THIS IS A DRILL

MESSAGE No: 10.
TYPE: Simulator

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 0900

NOTE:

DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: Need a message that details the indications of the failure of XSL31.

THIS IS A DRILL

MESSAGE No: 11.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 0902

NOTE:

DO NOT pass this message without the consent of the Drill Lead Controller.
This message should be given in conjunction with message 10.

MESSAGE: There is a 'B' Service Water Pump low flow alarm.

Flow goes to zero.

THIS IS A DRILL

MESSAGE No: 12.
TYPE: Contingency

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 0903

NOTE:

DO NOT pass this message without the consent of the Drill Lead Controller.

Times noted for emergency classification are based on the initiation of the causal event and do not reflect time required for event diagnosis. The actual time of classification could vary significantly.

MESSAGE: There is a 'C' Service Water Pump low flow alarm.

Flow goes to zero.

THIS IS A DRILL

MESSAGE No: 13.
TYPE: Simulator

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: ~0920

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: After the Safety Injection signal, the 'A' Diesel Generator fails to run after a successful start.

THIS IS A DRILL

MESSAGE No: 14.
TYPE: Simulator

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 0915

NOTE:

1. **DO NOT pass this message without the consent of the Drill Lead Controller.**
2. **Components associated with NB01 lose of power.**

MESSAGE: Annunciator C019 sounds.

THIS IS A DRILL

MESSAGE No: 15.
TYPE: Simulator

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 1000

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: The following plant conditions exist:

Pressurizer pressure has dropped slightly.
Pressurizer level is decreasing slightly.
Containment humidity is trending upward.
Containment temperature is trending upward.
There is a 480 gallon per minute charging / letdown flow mismatch.

THIS IS A DRILL

MESSAGE No: 16.
TYPE: Contingency

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 1000+

NOTE:

1. DO NOT pass this message without the consent of the Drill Lead Controller.

2. Times noted for emergency classification are based on the initiation of the causal event and do not reflect time required for event diagnosis. The actual time of classification could vary significantly.

MESSAGE: It is expected that a Site Area Emergency will be declared when the loss of reactor coolant is identified.

Sequence:

3- LRCB -1 Yes, Leak > 25 gpm

3- LRCB -2 Yes, Leak > 1 CCP, CTMT rad monitors off scale

3- LRCB -3 Yes, GTRE 59 / 60 >250 R/Hr

3- LRCB -4 No.

3- LRCB -8 No.

SAE

THIS IS A DRILL

MESSAGE No: 17.
TYPE: Contingency

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: RAS

FROM: EOF Lead Controller

TIME: 1015+

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: John Redmond Reservoir and Coffey County Lake should have been evacuated due to classification of an SAE.

THIS IS A DRILL

MESSAGE No: 18.
TYPE: Simulator

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 0945

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: CVCS Letdown monitor, SJRE 01, has increased by a factor of 1000 to a level of about 1.7E+03 uCi/cc.

THIS IS A DRILL

MESSAGE No: 19.
TYPE: Simulator

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 0930+

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: The CHARMS readings are beginning to increase rapidly.

THIS IS A DRILL

MESSAGE No: 20.
TYPE: Drill

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: NRC Control Cell

TIME: ~0930

NOTE:

1. DO NOT pass this message without the consent of the Drill Lead Controller.

2. This call should take about 10 minutes of the Shift Manager's time, not counting time which you may be put on hold.

MESSAGE: This is Ellis Merschoff of NRC regional headquarters. I understand an ALERT has been declared at Wolf Creek. I would like an overview of conditions at your facility.

THIS IS A DRILL

MESSAGE No: 21.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: Security Controller

TIME: 1015+

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: The Security Guard posted at the Fuel Building roll-up door reports that steam is building up in the Fuel Building and is starting to come out of the roll-up door. He is leaving the area but will maintain sight of the open roll-up door.

THIS IS A DRILL

MESSAGE No: 22.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County EOC

FROM: County EOC Controller

TIME: 1030

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: Dispatch has received a call that an accident involving a gasoline transport tanker has occurred on highway 75, directly below the I-35 overpass. Fire and ambulance have both been dispatched. Highway patrol is responding. They will stop all traffic on both highways in both directions until the situation can be assessed.

The initial report was sketchy, but it is clear that there is a significant fire and possible involvement of more than one vehicle.

THIS IS A DRILL

MESSAGE No: 23.
TYPE: Simulator

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 0945

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: Pressurizer level and pressure are rapidly decreasing.

THIS IS A DRILL

MESSAGE No: 24.
TYPE: Simulator

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 0945+

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: Pressurizer pressure has decreased below 1400 psi.

THIS IS A DRILL

MESSAGE No: 25.
TYPE: Contingency

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Emergency Manager

FROM: Facility Lead Controller

TIME: 1200+

NOTE:

1. DO NOT pass this message without the consent of the Drill Lead Controller.

2. Times noted for emergency classification are based on the initiation of the causal event and do not reflect time required for event diagnosis. The actual time of classification could vary significantly.

3. With the increased leak rate, there may be a core cooling red path. In this event, Block 8 will be answered as 'Yes', leading to a general emergency.

MESSAGE: A GENERAL EMERGENCY should have been declared due to the CHARMS readings in excess of 2500 R/Hr.

Sequence:

3-LRCB-1 Yes, Leak > 25 gpm

3-LRCB-2 Yes, Leak > 1 CCP, CTMT rad monitors off scale

3-LRCB-3 Yes, GTRE 59 / 60 >250 R / Hr

3-LRCB-4 No

3-LRCB-8 Yes, GTRE 59 / 60 >2500 R / Hr

GENERAL EMERGENCY

If a General Emergency was not declared previously, it should be declared when it is determined that a release is in progress.

THIS IS A DRILL

MESSAGE No: 26.
TYPE: Contingency

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Emergency Manager

FROM: Facility Lead Controller

TIME: 1200+

NOTE:

1. **DO NOT pass this message without the consent of the Drill Lead Controller.**
2. **This message should only be transmitted after an attempt has been made to operate this valve.**

MESSAGE: Valve ECV-995 will not close.

THIS IS A DRILL

MESSAGE No: 27.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County EOC

FROM: County EOC Controller

TIME: 1200+

NOTE:

1. DO NOT pass this message without the consent of the Drill Lead Controller.

2. This message should not be given until discussions of evacuating this facility have begun..

MESSAGE: You may briefly discuss potential actions associated with relocating the County EOC. However, for the purposes of this drill, actual relocation is not required.

THIS IS A DRILL

MESSAGE No: 28.
TYPE: Contingency

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Off-Site Emergency Manager

FROM: EOF Lead

TIME: 1215+

NOTE:

1. The actual subzones which are recommended to be evacuated could be significantly different, depending upon the assumptions used.

2. DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: Due to the magnitude of the release, as determined by an assessment of off-site consequences, additional areas should have been evacuated.

See offsite data tables / maps for a detailed description affected subzones.

THIS IS A DRILL

MESSAGE No: 29.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County EOC

FROM: County EOC Controller

TIME: 1230

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: I heard on the radio that something is happening at Wolf Creek. I didn't hear any sirens, so I'm not sure what to do. I'm over here by 13th and Kafir.

THIS IS A DRILL

MESSAGE No: 30.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County EOC

FROM: County EOC Controller

TIME: 1230

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: A Sherriff has radioed in that there are protestors on main street that are refusing to evacuate.

THIS IS A DRILL

MESSAGE No: 31.
TYPE: Drill

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: EOF Team Director

FROM: Facility Lead Controller

TIME: 1345+

NOTE:

1. **DO NOT pass this message without the consent of the Drill Lead Controller.**
2. **See Mini-Scenario 6 for additional details.**
3. **The map provided for this mini-scenario is for convenience only. It is not required that samples be obtained within this area.**

MESSAGE: Direct the Team Director to have environmental samples collected and transferred to the Facility Technician. Samples to include:

soil

vegetation

water

One plume phase air sample should also be transferred to the Facility Technician.

THIS IS A DRILL

MESSAGE No: 32.
TYPE: Simulator

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 1415

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: The release has been terminated

THIS IS A DRILL

MESSAGE No: 33.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: Security Controller

TIME: 1415+

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: The portal monitors in the Security Building are no longer alarming.

THIS IS A DRILL

MESSAGE No: 34.
TYPE: DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: Security Controller

TIME: 1415+

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: A roving Security Guard has reported that there is no longer a plume of steam that can be seen coming from the area of the containment building.

THIS IS A DRILL

MESSAGE No: 35.
TYPE: Simulator

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Manager

FROM: CR Lead Controller

TIME: 1415+

NOTE: DO NOT pass this message without the consent of the Drill Lead Controller.

MESSAGE: Containment pressure is remaining stable.

THIS IS A DRILL

MESSAGE No: 36.
TYPE: Drill

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Facility Leads

FROM: Drill Lead

TIME: 1400

MESSAGE: Terminate exercise activities.

THIS IS A DRILL

MESSAGE No: 37.
TYPE: Drill

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Plant Population

FROM: Drill Lead

TIME: 1400+

MESSAGE: Attention in the plant, attention in the plant.

E-Plan exercise activities have been concluded.

Attention in the plant, attention in the plant.

E-Plan exercise activities have been concluded.

THIS IS A DRILL

Mini Scenario - 1
(0900) Auxiliary Transformer XSL31 (1SL006E) Fails

SCENARIO OVERVIEW:

A line-to-ground fault occurs inside the "C" phase bushing on the 13.8KV side of transformer XSL31. Site personnel in the area notify the Control Room that they can see smoke coming from the transformer. The ground fault causes circuit breaker 13-20 (1SL003E1320) to trip.

INDICATIONS IN THE CONTROL ROOM:

Computer Points:
- SLD009AF (SLU109AF), "TRANSFORMER SL31", status changes from 1 to 0.
- SLD010AB (SLE110AB), "4.16 KV BUS SL31 VOLTAGE", status changes from 1 to 0.
- SLD010AD (SLU110AD), "4.16 KV BUS SL31", status changes from 1 to 0.

Alarms:
- SLUA1010A, "SL31 BUS TROUBLE", comes in on window D010.

Indications:
- None.

OBSERVATIONS: (To be provided time coincident to examining the referenced location)

Local Alarms:
- None.

Visual Cues:
- There are soot and burn marks around the cover of the high voltage compartment on the north side of the transformer.

FIELD OBSERVATIONS:

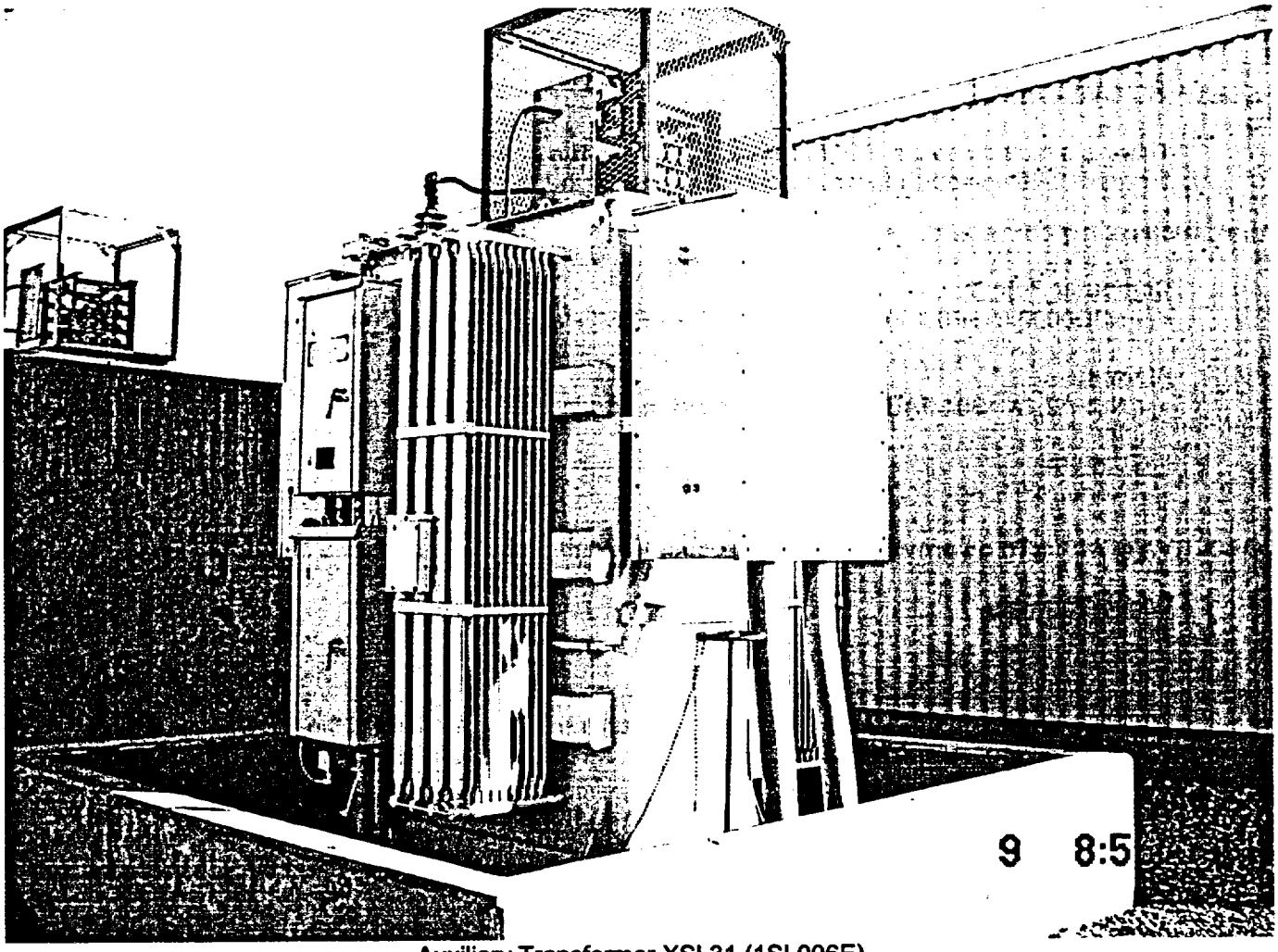
- Breaker Cubicle 1SL003E1320 (Bus SL3, Cubicle 1): The target on the "C" phase, 250/251 relay is set.
- Breaker Cubicle 1SL003E1320 (Bus SL3, Cubicle 1): 286 lockout relay, the mechanical target on the escutcheon plate assembly indicates yellow.
- Breaker Cubicle 1SL003E1320 (Bus SL3, Cubicle 1): Red light is off, Green light is on, Blue light is off.

POSSIBLE REPAIR STRATEGIES:

- Inspection of the transformer reveals the "C" phase high voltage bushing is damaged and burned. The bushing must be replaced.
- The transformer must be inspected and tested to determine whether it incurred any other damage.
- The inspections, tests and bushing replacement will take more than one day. Transformer XSL31 will be out of service for the remainder of the drill.

CONTINGENCIES:

- If attempts are made to energize bus SL31 (1SL009E) by closing breaker 4-18 (1SL010E418), they will be unsuccessful. Breaker 4-18 fails to close due to an open circuit in the 152X spring release coil.



Auxiliary Transformer XSL31 (1SL006E)

NOTE: This equipment should not be returned to service until the Simulator Control Booth Operator has been contacted at extension 5112 or via gaitronics.

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Mini Scenario – 2
(0915) ESF Transformer XNB01 Internal Fault

SCENARIO OVERVIEW:

There is a fault inside the ESF transformer XNB01. The cause is unknown. The switchyard circuit breaker 13-48 immediately trips following the XNB01 internal fault.

INDICATIONS IN THE CONTROL ROOM:

Computer Points:
- NBD0002 (NBP0002), "XNB01 FAULT PRESS", status changes from 0 to 1.

Alarms:
- NBPA2, "XNB01 FAULT PRESS", comes in on window C019.

Indications:
- None.

OBSERVATIONS: (To be provided time coincident to examining the referenced location)

Local Alarms:
- None.

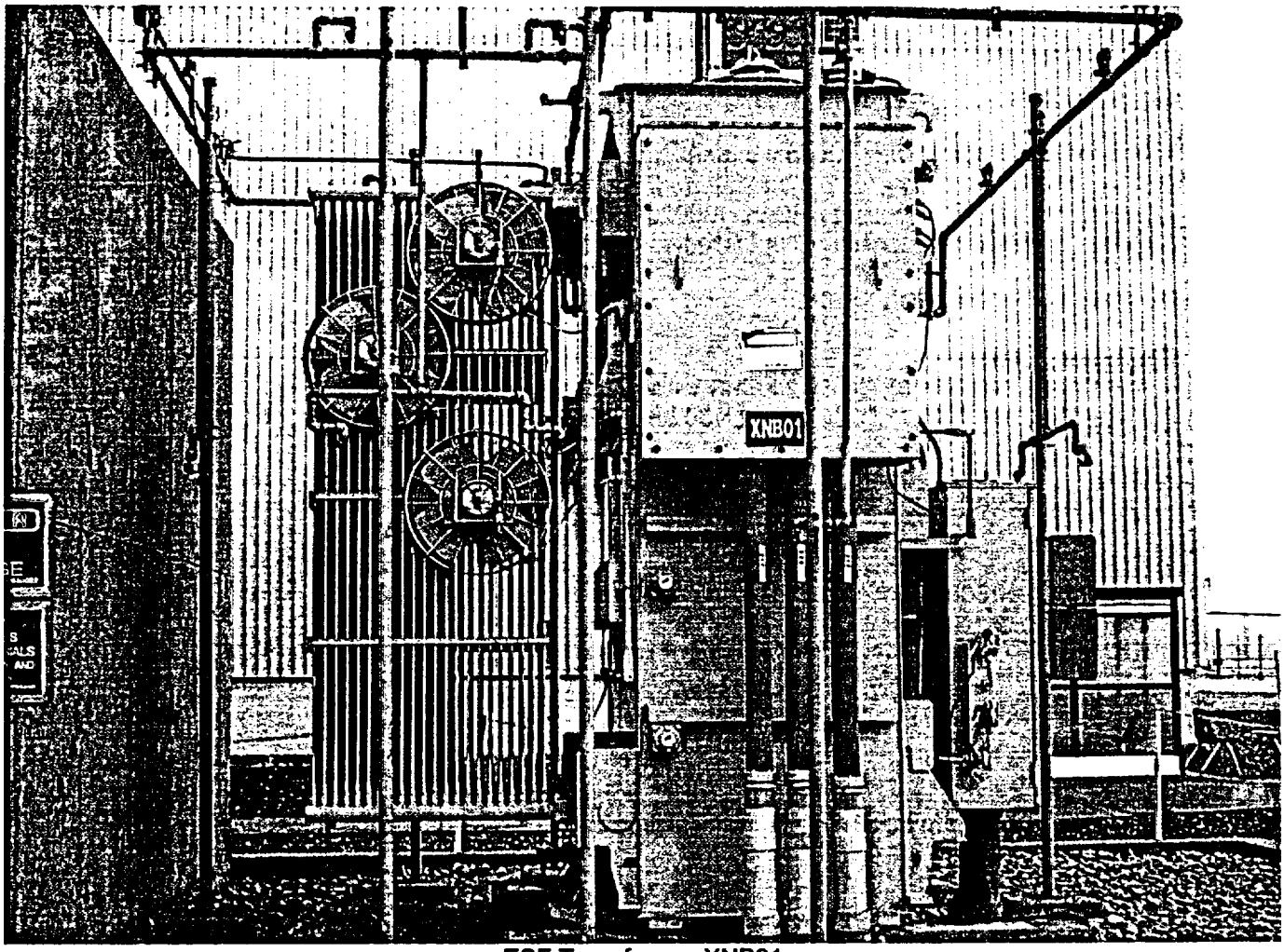
Visual Cues
- There is soot and oil visible around the pressure relief device on top of the transformer.
- The yellow operation indicator pin is visible in the pressure relief device on top of the transformer.

FIELD OBSERVATIONS:

- The annunciator located inside the terminal box on the transformer indicates that the pressure relief device (63PR) has been actuated.

POSSIBLE REPAIR STRATEGIES:

- The internal damage is severe and will require the transformer to be sent off site to be rebuilt. The transformer will be out of service for the balance of the drill.



ESF Transformer XNB01

NOTE: This equipment should not be returned to service until the Simulator Control Booth Operator has been contacted at extension 5112 or via gaitronics.

Mini Scenario - 3
(0930) 13.8 KV Circuit Breaker PA00201 Fails

SCENARIO OVERVIEW:

Circuit breaker PA00201 trips due to a short-circuited current transformer on the B phase in the breaker cubicle. The short-circuited current transformer causes the 250-251/T2 over-current relay for the B phase to pickup, the 286-1/T2 lockout relay in NB00209 picks up and breaker PA00201 trips. Circuit breaker PA00201 cannot be re-closed until the failed current transformer is replaced.

INDICATIONS IN THE CONTROL ROOM:

Computer Points:
- NBD0006 (NBQ0006), "XNB02 XFMR", status changes from 1 to 0.
- NBE0012 (NBQ0012), "ESF XFMR NB02 BKR PA0201", status changes from 1 to 0.

Alarms:
- NBQA6, "XNB02 XFMR LOCKOUT", comes in on window A022.

Indications:
- Switch NBHIS0001 (located on RL016): Red light is off, Green light is on, Amber light is on.

OBSERVATIONS: (To be provided time coincident to examining the referenced location)

Local Alarms:
- None.

Visual Cues
- There is an odor of burned electrical insulation around switchgear cubicle PA00201.

FIELD OBSERVATIONS:

- On the door of the PA00201 switchgear cubicle, the target is set on the 250-251/T2 over-current relay for the B phase.

POSSIBLE REPAIR STRATEGIES:

- Troubleshooting reveals that the B phase current transformer, for the 250-251/T2 over-current relay in PA00201, is short-circuited. The failed current transformer must be replaced.

NOTE: This equipment should not be returned to service until the Simulator Control Booth Operator has been contacted at extension 5112 or via gaitronics.

Mini Scenario - 4
'A' D/G Fuel Strainer Failure

SCENARIO OVERVIEW:

After the 0915 event, the 'A' diesel generator starts and loads, but shuts down after running for ~ 5 minutes. The shut down was caused by lack of fuel reaching the Emergency D/G. Investigation revealed that the Differential Pressure PDIH0010A across the fuel strainer KJBS0001A indicated very high, indicating a blockage.

INDICATIONS IN THE CONTROL ROOM:

Computer Points:
- KJP0010 D/G Fuel Oil Strainer Diff Pressure

Alarms:
- KJPDAH0010 Amber light located on local panel KJ121 is on.

Indications:
- KJPDI0010 shows more than 5 PSID.

OBSERVATIONS: (To be provided time coincident to examining the referenced location)

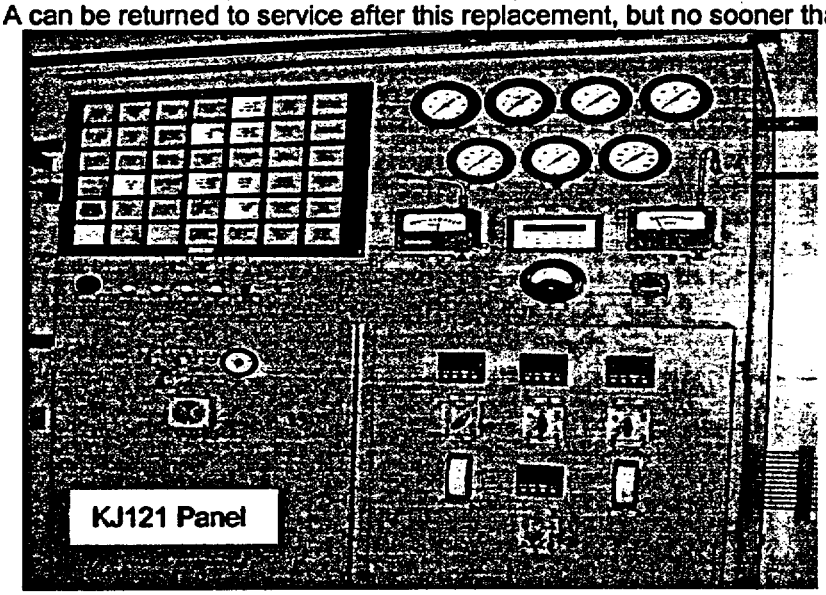
Local Alarms:
- None.

Visual Cues
- The Scenario will allow the EDG A to be returned to service after the Fuel Strainer blockage is corrected.

FIELD OBSERVATIONS:
- Differential Pressure across the strainer indicated very high (DP > 5 PSID).
- The strainers removed had debris and sludge buildup causing blockage.

POSSIBLE REPAIR STRATEGIES:

- Remove the strainers and replace them as necessary. The replacement takes about 15 minutes. The EDG A can be returned to service after this replacement, but no sooner than 1000.



NOTE: This equipment should not be returned to service until the Simulator Control Booth Operator has been contacted at extension 5112 or via Gaitronics.

Mini Scenario - 5
(At 1200)Fuel Building Roll-up Door Failure

SCENARIO OVERVIEW:

The Fuel Building Rollup Door was opened to allow a truck to enter. The operator's attempt to close the door fails. Initial investigation revealed that the rollup door motor bearings had failed. Any attempt to close the door will fail since the motor bearings and the guide was damaged. The door could not be lowered manually. The crew tried to remove the truck out of the Fuel Building; however, the truck breaks down in the doorway making it impossible to block the door with any temporary means (plastic curtains). This incident will allow the unfiltered release path to outside/ public.

INDICATIONS IN THE CONTROL ROOM:

Computer Points:
- None

Alarms:
- None

Indications:
- None

OBSERVATIONS: (To be provided time coincident to examining the referenced location)

Local Alarms:
- None.

Visual Cues
- None

FIELD OBSERVATIONS:

- The Rollup door is stuck open and it cannot be closed
- The truck is in the door way and employees had to leave due to high radiation in the area.

POSSIBLE REPAIR STRATEGIES:

- Pull the truck out and try to close the door manually, however, they cannot get near the door since the radiation levels are very high. Therefore, every effort will fail to close the door and the door will remain open during the entire drill period.

NOTE: This equipment should not be returned to service until the Simulator Control Booth Operator has been contacted at extension 5112 or via gaitronics.

Mini Scenario - 6

Public Information Rumors & Phone Team Rumor Tracking Log

(Check with Lead Public Information Controller before starting phone calls.)

Location:_____ **Controller:** _____ **Date:** _____ **Information Disseminated By:**

	Rumor / Issue / Concern	First Call	Time Ident.	Time Resolved	Ph Team (Time)	# of News Statement	News Conf.
1	My brother called and said they found a bunch of dead birds at the environmental education center near the plant. Was this because of the radiation from the plant?	~1020					
2	We heard on the scanner that there was an accident at the plant. They say it's because the fuel rods punched a hole in the reactor building.	~1045					
3	I heard on TV that What's happening at Wolf Creek is just like what happened to Chernobyl and all of Coffey County is going to have to be evacuated forever.	~1115					
4	What are all these Army guys doing in town? I saw a bunch of soldiers at the Jump Start station. Are they going to Wolf Creek?	~1145					
5	I was over at The Diner this morning and folks were talking about the problems at the plant. They say that the plant's security is on strike and no one is protecting the plant.	~1230					
6	I heard on the TV that Senator Brownback is coming to the plant to tour the damage. How can he get in when the whole county has been evacuated?	~1255					

Sample questions from the public (These are examples of questions. Prepare questions in advance, or make up questions as the drill progresses.)

⇒ My alert radio keeps going off but there is only static. What's going on out there? Why won't my radio work right?

⇒ A man came to my house selling cleaning products, rubber gloves and some kind of salt pills. He said I need them to clean up the contamination from the accident and if I don't take the pills my hair will fall out and my skin will wrinkle. Should I buy this stuff or will the plant provide it to me? If he won't take a check, who will cash one for me so I can pay him?

⇒ I hear sirens outside. Is this another test?

⇒ We run a goat diary in southwest Coffey County. Is the situation going to affect our herd or milk production? What should I do about feed for the goats? This is my livelihood. I have two kids to put through college!

⇒ If I'm told to evacuate, who's going to pay for food and clothing if we aren't given time to pack properly?

⇒ My son is on a school trip at the Coffey County Museum in Burlington. I don't know how to contact him. Can you help?

Sample questions from the Media

⇒ "This is the *Kansas City Star*. We want to interview your new CEO about this event. What time can we do this interview and photo shoot? We also want to take pictures of the damaged equipment."

⇒ "This is KWCH—We understand the Project on Government Oversight (POGO) published a survey of Security guards at US nuclear power plants. The survey reports security forces are under-manned, under-trained, under-equipped, under paid and unsure of themselves. Were your security guards part of this survey? How do they feel about what's being reported about them Is it true that Wolf Creek's Security force has not been tested by the NRC since 1998?

Phone Team Member Evaluation Guidelines / Observations to consider: What image does the phone team member provide? The projected image should be that Wolf Creek is safe, responsible, organized, concerned about its employees and the public.

- Does the responding person seem concerned about you, your questions and providing accurate information in a timely manner?
- Is the answer received accurate?
- Is the person answering your questions courteous and helpful?
- If the respondent can't answer a question, do they call back or do they speculate on what they "think" may, or is about, to happen?
- If you call to ask a question relating to a rumor, do you get a timely response to the validity of the rumor?
- When several phone team members or POIs are asked the same question of at about the same time, do you receive the same answer?

What do you feel are the phone team members' strengths and weaknesses?

SCENARIO DATA
PLANT DATA

RADIATION

In-plant survey map data is provided on the following pages. Data is provided, as appropriate, for each floor level of the auxiliary, fuel and diesel generator and turbine buildings. Scenario data IS NOT provided if readings are to be used as found in the plant. If a map is provided, the data is designated by a letter and corresponds to zones, as marked on the map. Radiation data is provided in the units indicated.

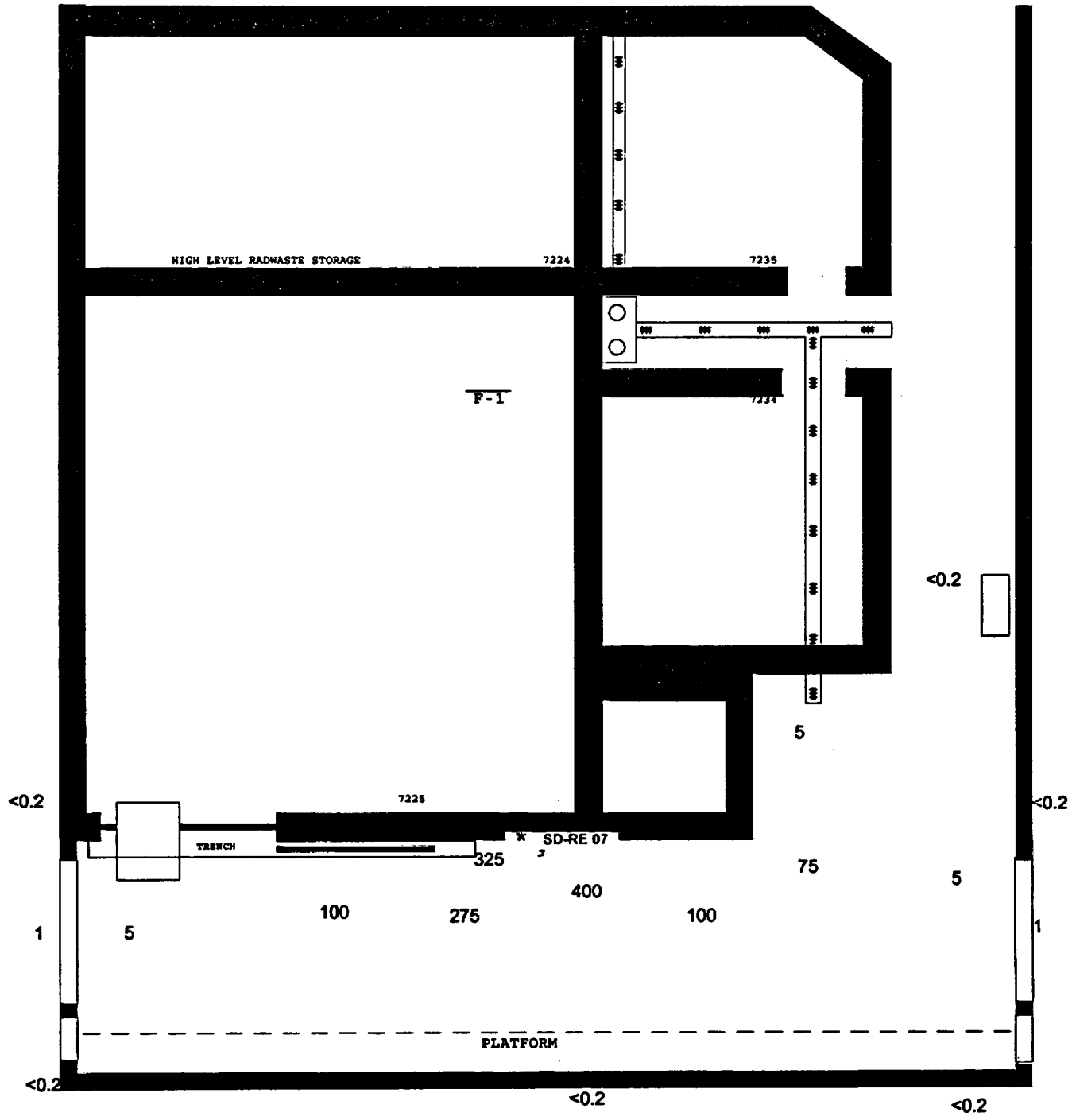
Radiation levels indicated with a '<' sign indicate areas where readings will generally be below the lower level of detectability for instruments used in determining radiation levels.

Area radiation monitors are designated on the maps as the monitor number preceded by an "SD". The data for these monitors is provided on page **151**, titled 'AREA RADIATION MONITORS (ARAD2)'.

All radiation levels in the following buildings are as indicated by actual meter readings:

- **RADWASTE BUILDING**
- **CONTAINMENT**

2000' RADWASTE - TRUCK BAY



OFF-SCALE ON AN RO-2 A

8:00	1974' AUX BUILDING Exposure in REM / HR				40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-12	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Outside Ltdwn Htr)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (Lt Dwn Htr)	200	200	200,000	OFF SCALE	OFF SCALE	1.10E-04	1.23E-05
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-16	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outsd 'B' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-15	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outsd 'A' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' ('B' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' ('A' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-14	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-13	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

8:15					40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-12	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Outside Ltdwn Htr)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (Lt Dwn Htr)	200	200	200,000	OFF SCALE	OFF SCALE	1.10E-04	1.23E-05
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-16	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outsd 'B' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-15	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outsd 'A' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' ('B' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' ('A' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-14	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-13	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

8:30					40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-12	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Outside Ltdwn Htr)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (Lt Dwn Htr)	200	200	200,000	OFF SCALE	OFF SCALE	1.10E-04	1.23E-05
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-16	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outsd 'B' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-15	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outsd 'A' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' ('B' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' ('A' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-14	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-13	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

8:45	1974' AUX BUILDING Exposure in REM / HR				40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-12	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Outside Ltdwn Htr)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (Lt Dwn Htr)	200	200	200,000	OFF SCALE	OFF SCALE	1.10E-04	1.23E-05
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-16	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outsd 'B' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-15	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outsd 'A' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' ('B' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' ('A' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-14	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-13	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

9:00					40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-12	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Outside Ltdwn Htr)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (Lt Dwn Htr)	200	200	200,000	OFF SCALE	OFF SCALE	1.10E-04	1.23E-05
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-16	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outsd 'B' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-15	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outsd 'A' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' ('B' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' ('A' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-14	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-13	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

9:15					40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-12	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Outside Ltdwn Htr)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (Lt Dwn Htr)	200	200	200,000	OFF SCALE	OFF SCALE	1.10E-04	1.23E-05
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-16	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outsd 'B' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-15	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outsd 'A' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' ('B' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' ('A' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-14	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-13	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

9:30	1974' AUX BUILDING Exposure in REM / HR				40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-12	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Outside Ltdwn Htr)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (Lt Dwn Htr)	100	240	220,000	OFF SCALE	OFF SCALE	9.67E-05	1.11E-05
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-16	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outsd 'B' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-15	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outsd 'A' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' ('B' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' ('A' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-14	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-13	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

9:45					40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-12	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Outside Ltdwn Htr)	44	60	60,000	340,000	8,500	2.41E-05	2.70E-06
'D' (Lt Dwn Htr)	4,400	6,000	OFF SCALE	OFF SCALE	OFF SCALE	2.41E-03	2.70E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-16	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outsd 'B' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-15	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outsd 'A' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' ('B' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' ('A' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-14	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-13	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

10:00					40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-12	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Outside Ltdwn Htr)	88	100	100,000	OFF SCALE	24,000	4.36E-05	4.91E-06
'D' (Lt Dwn Htr)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.36E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-16	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outsd 'B' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-15	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outsd 'A' Sl Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' ('B' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' ('A' Sl Pump)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-14	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-13	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

C02

OFF-SCALE ON AN RO-2 A

10:10	1974 AUX BUILDING Exposure In REM / HR				40 BACKGROUND		
ZONE	Gam Hr / Hr	G / B Hr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'B' (Stairs SD-12 & Elev.)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-12	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'C' (Outside Lid/en Hx)	80	100	100,000	OFF SCALE	39,000	4.39E-05	4.91E-06
'D' (Lt Dwn Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-16	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'F' (Outsd 'B' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-15	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'G' (Outsd 'A' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'I' ('B' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'J' ('A' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-14	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-13	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'N' (Aux. Fd. Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'O' (Aux Stm Decerator)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10

OFF-SCALE ON AN RO-2 A

10:20					80 BACKGROUND		
ZONE	Gam Hr / Hr	G / B Hr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'B' (Stairs SD-12 & Elev.)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-12	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'C' (Outside Lid/en Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dwn Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-16	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'F' (Outsd 'B' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-15	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'G' (Outsd 'A' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'I' ('B' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'J' ('A' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-14	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-13	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'N' (Aux. Fd. Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'O' (Aux Stm Decerator)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10

OFF-SCALE ON AN RO-2 A

10:35					40 BACKGROUND		
ZONE	Gam Hr / Hr	G / B Hr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'B' (Stairs SD-12 & Elev.)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-12	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'C' (Outside Lid/en Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dwn Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-16	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'F' (Outsd 'B' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-15	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'G' (Outsd 'A' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'I' ('B' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'J' ('A' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-14	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-13	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'N' (Aux. Fd. Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'O' (Aux Stm Decerator)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10

OFF-SCALE ON AN RO-2 A

11:00	1974 AUX BUILDING Exposure In REM / HR				40 BACKGROUND		
ZONE	Gam Hr / Hr	G / B Hr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'B' (Stairs SD-12 & Elev.)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-12	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'C' (Outside Lid/en Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dwn Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-16	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'F' (Outsd 'B' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-15	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'G' (Outsd 'A' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'I' ('B' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'J' ('A' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-14	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-13	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'N' (Aux. Fd. Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'O' (Aux Stm Decerator)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10

OFF-SCALE ON AN RO-2 A

11:15					80 BACKGROUND		
ZONE	Gam Hr / Hr	G / B Hr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'B' (Stairs SD-12 & Elev.)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-12	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'C' (Outside Lid/en Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dwn Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-16	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'F' (Outsd 'B' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-15	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'G' (Outsd 'A' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'I' ('B' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'J' ('A' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-14	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-13	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'N' (Aux. Fd. Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'O' (Aux Stm Decerator)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10

OFF-SCALE ON AN RO-2 A

11:30					40 BACKGROUND		
ZONE	Gam Hr / Hr	G / B Hr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'B' (Stairs SD-12 & Elev.)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-12	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'C' (Outside Lid/en Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dwn Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-16	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'F' (Outsd 'B' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-15	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'G' (Outsd 'A' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'I' ('B' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'J' ('A' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-14	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-13	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'N' (Aux. Fd. Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'O' (Aux Stm Decerator)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10

OFF-SCALE ON AN RO-2 A

11:45	1974 AUX BUILDING Exposure In REM / HR				40 BACKGROUND		
ZONE	Gam Hr / Hr	G / B Hr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'B' (Stairs SD-12 & Elev.)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-12	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'C' (Outside Lid/en Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dwn Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-16	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'F' (Outsd 'B' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-15	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'G' (Outsd 'A' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'I' ('B' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'J' ('A' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-14	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-13	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'N' (Aux. Fd. Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'O' (Aux Stm Decerator)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10

OFF-SCALE ON AN RO-2 A

12:00					80 BACKGROUND		
ZONE	Gam Hr / Hr	G / B Hr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'B' (Stairs SD-12 & Elev.)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-12	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'C' (Outside Lid/en Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dwn Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-16	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'F' (Outsd 'B' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-15	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'G' (Outsd 'A' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'I' ('B' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'J' ('A' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-14	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-13	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'N' (Aux. Fd. Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'O' (Aux Stm Decerator)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10

OFF-SCALE ON AN RO-2 A

12:15					40 BACKGROUND		
ZONE	Gam Hr / Hr	G / B Hr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'B' (Stairs SD-12 & Elev.)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-12	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'C' (Outside Lid/en Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dwn Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-16	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'F' (Outsd 'B' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-15	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'G' (Outsd 'A' St Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'I' ('B' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'J' ('A' St Pump)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-14	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
SD-13	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'N' (Aux. Fd. Prep Rm)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10
'O' (Aux Stm Decerator)	<2 mR	<2 mR	40	80	40	1.90E-09	1.90E-10

OFF-SCALE ON AN RO-2 A

12:30	1974' AUX BUILDING Exposure in REM / HR				40 BACKGROUND		
ZONE	Gam Mr./ Hr	G / B Mr./ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-12	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'C' (Outside Lisbon Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dom Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-16	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'F' (Outsd 'B' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-15	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'G' (Outsd 'A' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'I' ('B' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'J' ('A' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-14	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-13	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10

OFF-SCALE ON AN RO-2 A

12:45					40 BACKGROUND		
ZONE	Gam Mr./ Hr	G / B Mr./ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-12	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'C' (Outside Lisbon Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dom Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-16	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'F' (Outsd 'B' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-15	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'G' (Outsd 'A' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'I' ('B' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'J' ('A' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-14	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-13	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10

OFF-SCALE ON AN RO-2 A

13:00					40 BACKGROUND		
ZONE	Gam Mr./ Hr	G / B Mr./ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-12	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'C' (Outside Lisbon Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dom Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-16	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'F' (Outsd 'B' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-15	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'G' (Outsd 'A' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'I' ('B' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'J' ('A' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-14	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-13	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10

OFF-SCALE ON AN RO-2 A

13:15	1974' AUX BUILDING Exposure in REM / HR				40 BACKGROUND		
ZONE	Gam Mr./ Hr	G / B Mr./ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-12	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'C' (Outside Lisbon Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dom Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-16	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'F' (Outsd 'B' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-15	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'G' (Outsd 'A' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'I' ('B' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'J' ('A' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-14	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-13	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10

OFF-SCALE ON AN RO-2 A

13:30					40 BACKGROUND		
ZONE	Gam Mr./ Hr	G / B Mr./ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-12	4	6	6,000	36,000	800	2.19E-06	2.46E-07
'C' (Outside Lisbon Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dom Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	30	40	38,000	240,000	6,000	1.64E-05	1.84E-06
SD-16	80	100	100,000	OFF SCALE	16,500	4.39E-05	4.91E-06
'F' (Outsd 'B' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-15	140	180	180,000	OFF SCALE	27,000	7.67E-05	8.60E-06
'G' (Outsd 'A' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'I' ('B' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'J' ('A' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-14	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-13	6	8	8,000	46,000	1,200	3.29E-06	3.68E-07
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10

OFF-SCALE ON AN RO-2 A

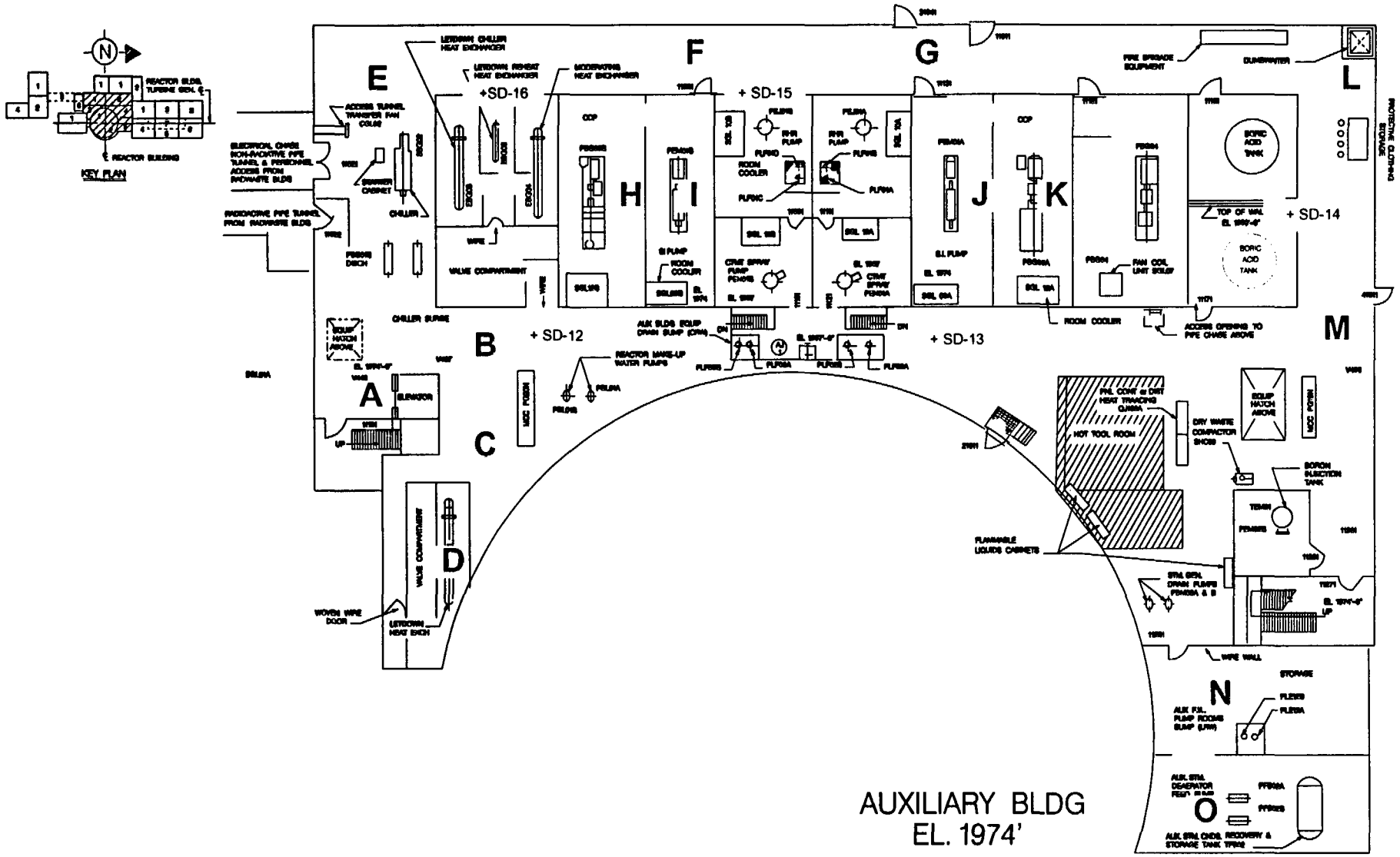
13:45					40 BACKGROUND		
ZONE	Gam Mr./ Hr	G / B Mr./ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-12	4	6	6,000	36,000	1,600	2.19E-06	2.46E-07
'C' (Outside Lisbon Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dom Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	28	36	36,000	220,000	11,500	1.53E-05	1.72E-06
SD-16	80	100	100,000	OFF SCALE	31,000	4.39E-05	4.91E-06
'F' (Outsd 'B' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-15	140	180	180,000	OFF SCALE	OFF SCALE	7.67E-05	8.60E-06
'G' (Outsd 'A' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'I' ('B' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'J' ('A' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-14	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-13	6	8	8,000	46,000	2,400	3.29E-06	3.68E-07
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10

OFF-SCALE ON AN RO-2 A

14:00	1974' AUX BUILDING Exposure in REM / HR				40 BACKGROUND		
Until End of Drill ZONE	Gam Mr./ Hr	G / B Mr./ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'B' (Btwn SD-12 & Elev.)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-12	4	6	6,000	36,000	2,400	2.19E-06	2.46E-07
'C' (Outside Lisbon Hx)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06
'D' (Lt Dom Hx)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'E' (CORR. - SW CORNER)	28	36	36,000	220,000	17,000	1.53E-05	1.72E-06
SD-16	80	100	100,000	OFF SCALE	46,500	4.39E-05	4.91E-06
'F' (Outsd 'B' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-15	140	180	180,000	OFF SCALE	OFF SCALE	7.67E-05	8.60E-06
'G' (Outsd 'A' SI Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'H' ('B' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'I' ('B' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'J' ('A' SI Pump)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'K' ('A' CCP)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'L' (CORR. - NW CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-14	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'M' (CORR. - NE CORNER)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
SD-13	6	8	8,000	46,000	3,600	3.29E-06	3.68E-07
'N' (Aux. Fd. Pmp Rm)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10
'O' (Aux Stm Deaerator)	<2 mR	<2 mR	40	60	40	1.80E-09	1.80E-10

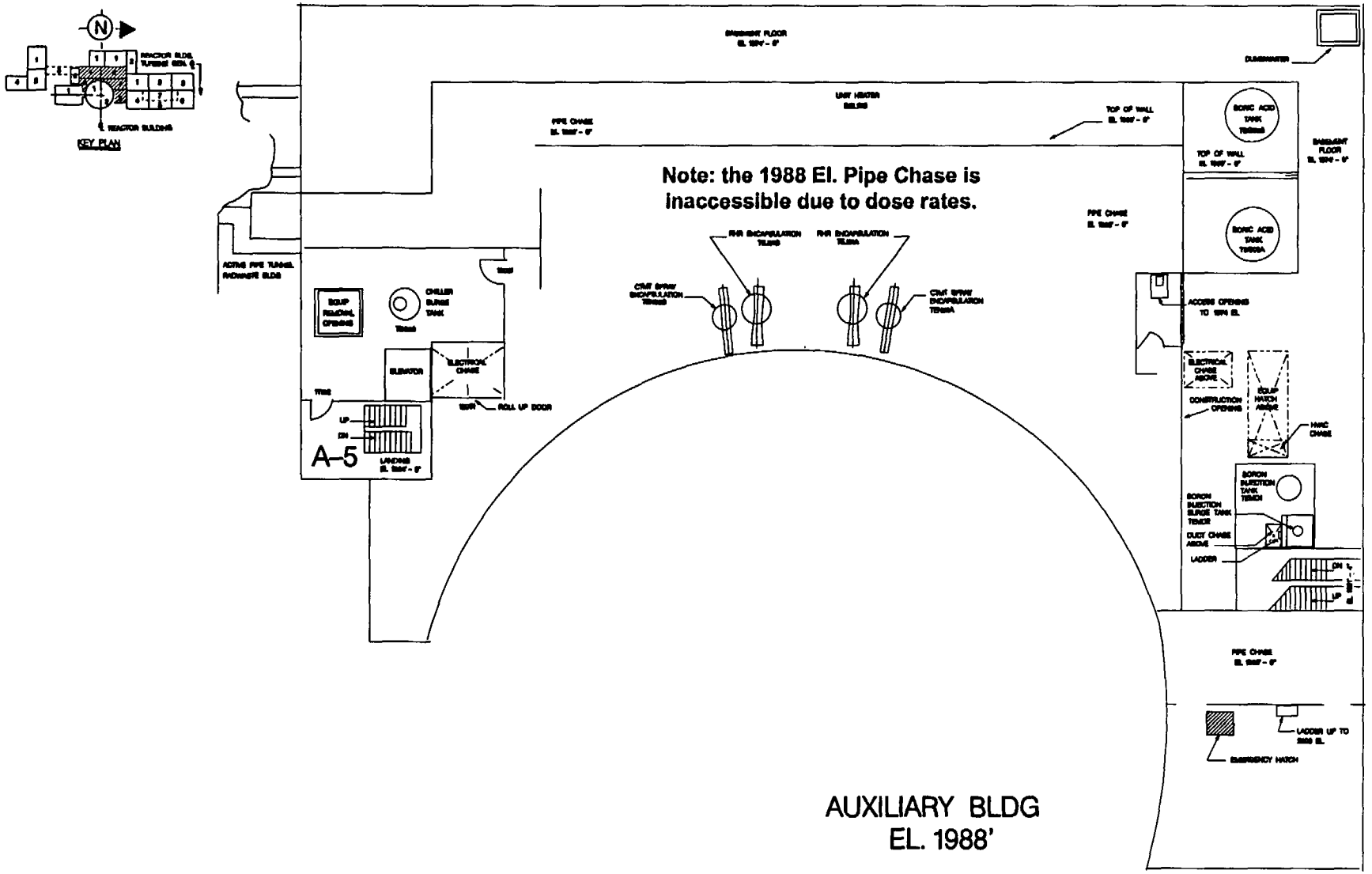
EVALUATED EXEF

C04



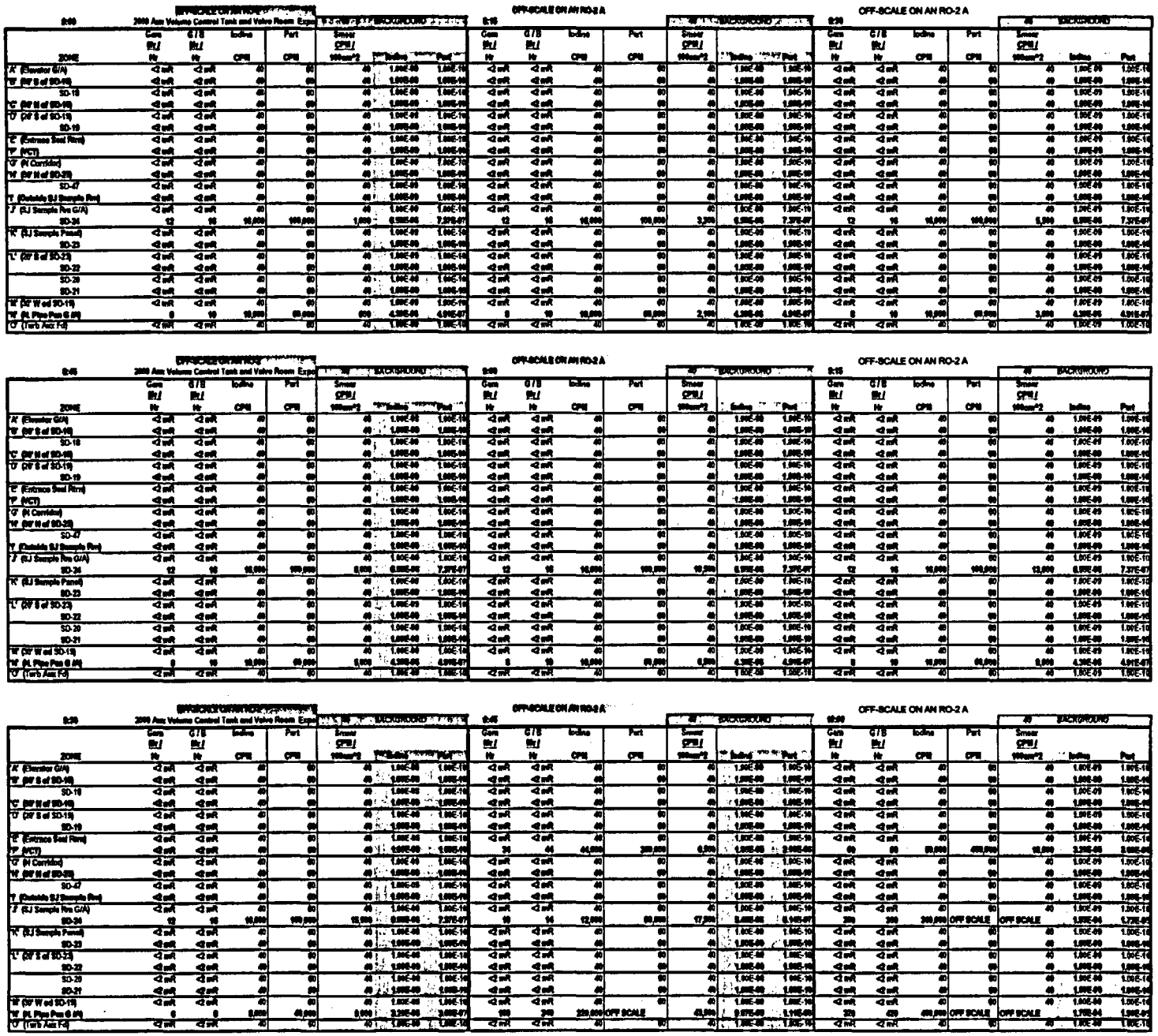
7

[7] Except as indicated, all radiation levels are as indicated by actual meter readings.



[8]

[8] Except as indicated, all radiation levels are as indicated by actual meter readings.

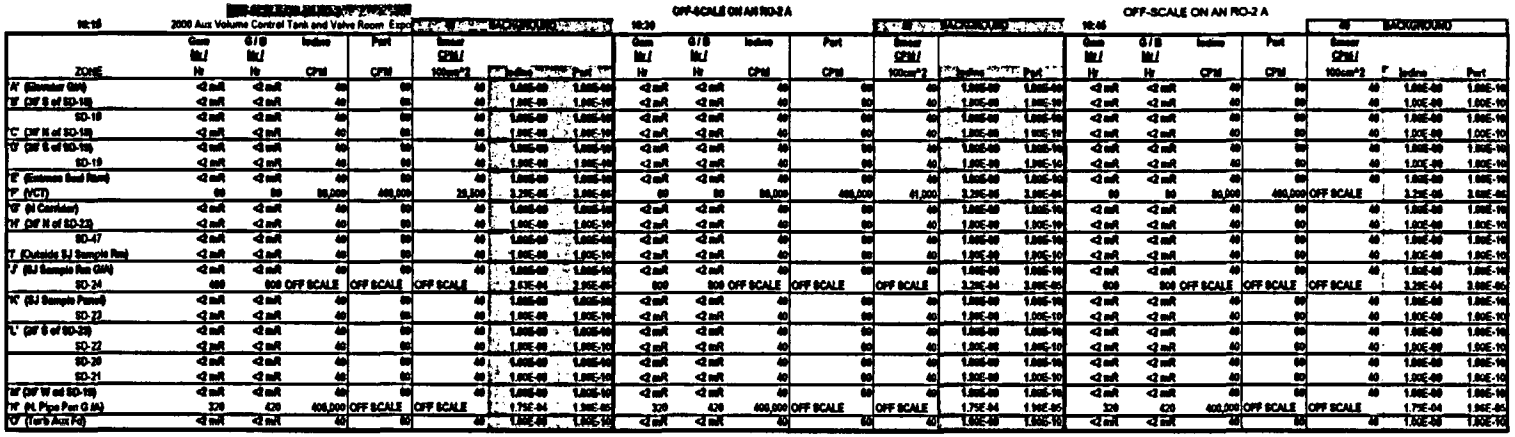


ZONE	Gas lbf/hr	C/B lbf/hr	Iodine	Part	Smear CPM/100cm^2	Iodine	Part
A' (Elevator G/A)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
B' (SF S of SD-18)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-18	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
C' (SF N of SD-18)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
D' (SF S of SD-19)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-19	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
E' (Entrance Seal Rm)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
F' (PCT)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
G' (N Corridor)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
H' (SF N of SD-20)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-47	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
I' (Outside SJ Sample Rm)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
J' (SJ Sample Rm G/A)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-24	12	16	16,000	160,000	1,000	6.00E-08	7.37E-07
K' (SJ Sample Panel)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-23	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
L' (SF S of SD-23)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-22	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-20	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-21	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
M' (SF W of SD-19)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
N' (N Pipe Pen G/A)	0	16	16,000	60,000	200	4.30E-06	4.91E-07
O' (Turb Aux Fd)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10

ZONE	Gas lbf/hr	C/B lbf/hr	Iodine	Part	Smear CPM/100cm^2	Iodine	Part
A' (Elevator G/A)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
B' (SF S of SD-18)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-18	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
C' (SF N of SD-18)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
D' (SF S of SD-19)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-19	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
E' (Entrance Seal Rm)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
F' (PCT)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
G' (N Corridor)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
H' (SF N of SD-20)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-47	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
I' (Outside SJ Sample Rm)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
J' (SJ Sample Rm G/A)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-24	12	16	16,000	160,000	16,000	6.00E-08	7.37E-07
K' (SJ Sample Panel)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-23	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
L' (SF S of SD-23)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-22	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-20	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-21	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
M' (SF W of SD-19)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
N' (N Pipe Pen G/A)	0	16	16,000	60,000	6,000	4.30E-06	4.91E-07
O' (Turb Aux Fd)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10

ZONE	Gas lbf/hr	C/B lbf/hr	Iodine	Part	Smear CPM/100cm^2	Iodine	Part
A' (Elevator G/A)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
B' (SF S of SD-18)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-18	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
C' (SF N of SD-18)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
D' (SF S of SD-19)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-19	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
E' (Entrance Seal Rm)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
F' (PCT)	<1 mR	<1 mR	40	60	24	1.00E-09	1.00E-10
G' (N Corridor)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
H' (SF N of SD-20)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-47	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
I' (Outside SJ Sample Rm)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
J' (SJ Sample Rm G/A)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-24	12	16	16,000	160,000	15,000	6.00E-08	7.37E-07
K' (SJ Sample Panel)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-23	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
L' (SF S of SD-23)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-22	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-20	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-21	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
M' (SF W of SD-19)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
N' (N Pipe Pen G/A)	0	0	8,000	48,000	8,000	3.23E-06	3.68E-07
O' (Turb Aux Fd)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10

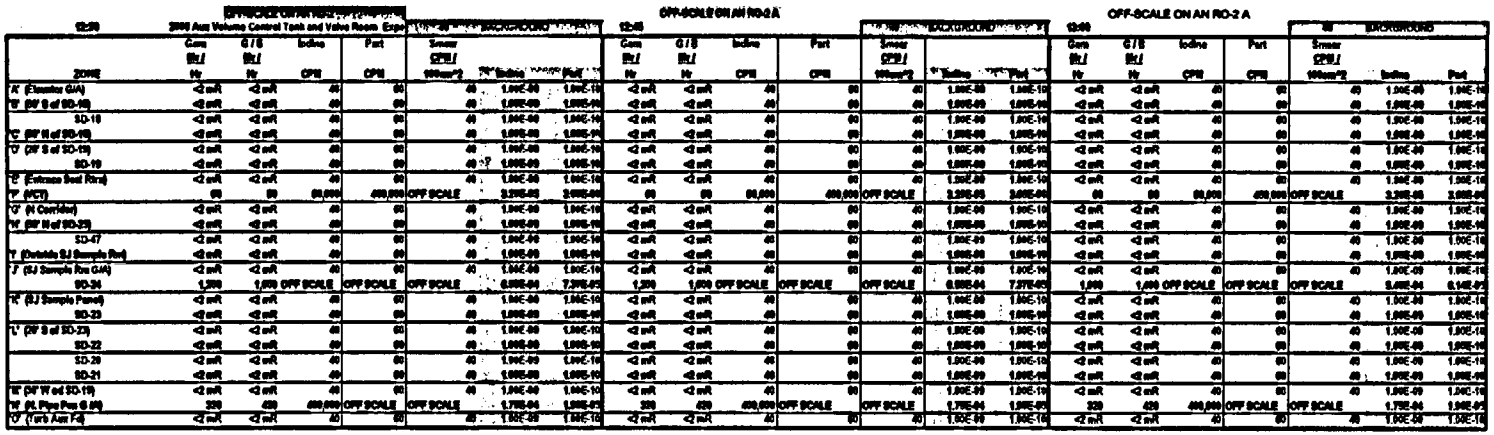
ZONE	Gas lbf/hr	C/B lbf/hr	Iodine	Part	Smear CPM/100cm^2	Iodine	Part
A' (Elevator G/A)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
B' (SF S of SD-18)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-18	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
C' (SF N of SD-18)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
D' (SF S of SD-19)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-19	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
E' (Entrance Seal Rm)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
F' (PCT)	<1 mR	<1 mR	40	60	24	1.00E-09	1.00E-10
G' (N Corridor)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
H' (SF N of SD-20)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-47	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
I' (Outside SJ Sample Rm)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
J' (SJ Sample Rm G/A)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-24	12	16	16,000	160,000	17,000	6.00E-08	7.37E-07
K' (SJ Sample Panel)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-23	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
L' (SF S of SD-23)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-22	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-20	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
SD-21	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
M' (SF W of SD-19)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10
N' (N Pipe Pen G/A)	0	0	8,000	48,000	100	3.23E-06	3.68E-07
O' (Turb Aux Fd)	<1 mR	<1 mR	40	60	40	1.00E-09	1.00E-10

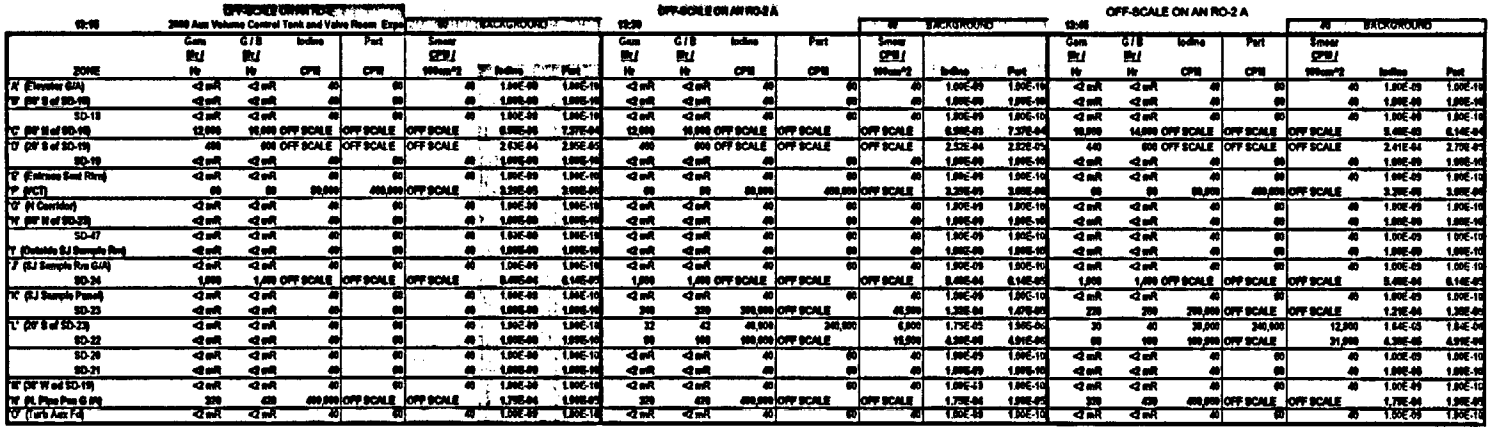


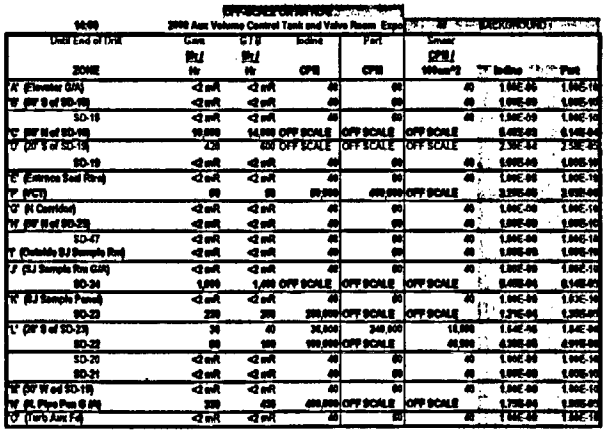
10:15	2000 Aux Volume Control Tank and Valve Room Expo					40 BACKGROUND			10:30					40 BACKGROUND			10:45					40 BACKGROUND		
ZONE	Gas Mix / Hr	6/8 Mix / Hr	Iodine CFM	Part CFM	Sensor CPM / 100cm^2	Iodine	Part		Gas Mix / Hr	6/8 Mix / Hr	Iodine CFM	Part CFM	Sensor CPM / 100cm^2	Iodine	Part		Gas Mix / Hr	6/8 Mix / Hr	Iodine CFM	Part CFM	Sensor CPM / 100cm^2	Iodine	Part	
'A' (Elevator GW)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'B' (SF S of SD-19)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-19	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'C' (SF N of SD-19)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'D' (SF S of SD-19)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-19	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'E' (Entrance Seal Room)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'F' (VCT)	60	60	60,000	400,000	20,500	3.29E-05	3.69E-06		60	60	60,000	400,000	41,000	3.29E-05	3.69E-06		60	60	60,000	400,000	OFF SCALE	3.29E-05	3.69E-06	
'G' (N Corridor)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'H' (SF N of SD-23)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-47	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'I' (Outside SJ Sample Pas)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'J' (SJ Sample Pas GW)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-24	600	600	OFF SCALE	OFF SCALE	OFF SCALE	3.63E-04	2.95E-05		600	600	OFF SCALE	OFF SCALE	OFF SCALE	3.29E-04	3.69E-05		600	600	OFF SCALE	OFF SCALE	OFF SCALE	3.29E-04	3.69E-05	
'K' (SJ Sample Panel)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-23	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'L' (SF S of SD-23)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-22	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-39	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-21	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'M' (SF W of SD-19)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'N' (N. Pipe Pen G IA)	320	420	400,000	OFF SCALE	OFF SCALE	1.75E-04	1.96E-05		320	420	400,000	OFF SCALE	OFF SCALE	1.75E-04	1.96E-05		320	420	400,000	OFF SCALE	OFF SCALE	1.75E-04	1.96E-05	
'O' (Turb Aux Fd)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	

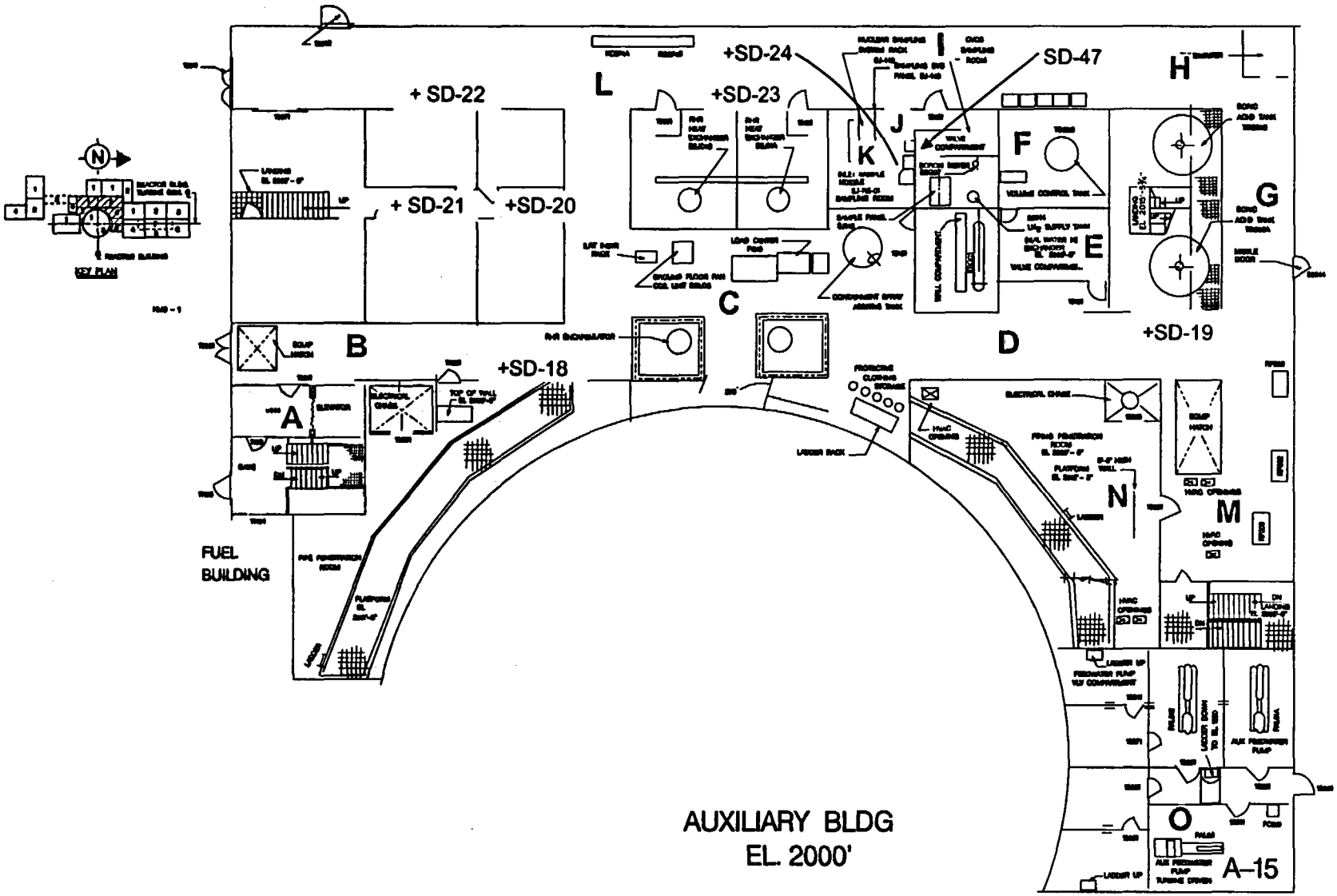
11:00	2000 Aux Volume Control Tank and Valve Room Expo					40 BACKGROUND			11:15					40 BACKGROUND			11:30					40 BACKGROUND		
ZONE	Gas Mix / Hr	6/8 Mix / Hr	Iodine CFM	Part CFM	Sensor CPM / 100cm^2	Iodine	Part		Gas Mix / Hr	6/8 Mix / Hr	Iodine CFM	Part CFM	Sensor CPM / 100cm^2	Iodine	Part		Gas Mix / Hr	6/8 Mix / Hr	Iodine CFM	Part CFM	Sensor CPM / 100cm^2	Iodine	Part	
'A' (Elevator GW)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'B' (SF S of SD-19)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-19	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'C' (SF N of SD-19)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'D' (SF S of SD-19)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-19	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'E' (Entrance Seal Room)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'F' (VCT)	60	60	60,000	400,000	OFF SCALE	3.29E-05	3.69E-06		60	60	60,000	400,000	OFF SCALE	3.29E-05	3.69E-06		60	60	60,000	400,000	OFF SCALE	3.29E-05	3.69E-06	
'G' (N Corridor)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'H' (SF N of SD-23)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-47	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'I' (Outside SJ Sample Pas)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'J' (SJ Sample Pas GW)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-24	600	600	OFF SCALE	OFF SCALE	OFF SCALE	3.29E-04	3.69E-05		600	1,000	OFF SCALE	OFF SCALE	OFF SCALE	4.38E-04	4.91E-05		1,000	1,000	OFF SCALE	OFF SCALE	OFF SCALE	5.48E-04	6.14E-05	
'K' (SJ Sample Panel)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-23	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'L' (SF S of SD-23)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-22	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-39	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-21	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'M' (SF W of SD-19)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'N' (N. Pipe Pen G IA)	320	420	400,000	OFF SCALE	OFF SCALE	1.75E-04	1.96E-05		320	420	400,000	OFF SCALE	OFF SCALE	1.75E-04	1.96E-05		320	420	400,000	OFF SCALE	OFF SCALE	1.75E-04	1.96E-05	
'O' (Turb Aux Fd)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	

11:45	2000 Aux Volume Control Tank and Valve Room Expo					40 BACKGROUND			12:00					40 BACKGROUND			12:15					40 BACKGROUND		
ZONE	Gas Mix / Hr	6/8 Mix / Hr	Iodine CFM	Part CFM	Sensor CPM / 100cm^2	Iodine	Part		Gas Mix / Hr	6/8 Mix / Hr	Iodine CFM	Part CFM	Sensor CPM / 100cm^2	Iodine	Part		Gas Mix / Hr	6/8 Mix / Hr	Iodine CFM	Part CFM	Sensor CPM / 100cm^2	Iodine	Part	
'A' (Elevator GW)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'B' (SF S of SD-19)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-19	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'C' (SF N of SD-19)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'D' (SF S of SD-19)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-19	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'E' (Entrance Seal Room)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'F' (VCT)	60	60	60,000	400,000	OFF SCALE	3.29E-05	3.69E-06		60	60	60,000	400,000	OFF SCALE	3.29E-05	3.69E-06		60	60	60,000	400,000	OFF SCALE	3.29E-05	3.69E-06	
'G' (N Corridor)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'H' (SF N of SD-23)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-47	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'I' (Outside SJ Sample Pas)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'J' (SJ Sample Pas GW)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-24	1,000	1,400	OFF SCALE	OFF SCALE	OFF SCALE	5.48E-04	6.14E-05		1,200	1,800	OFF SCALE	OFF SCALE	OFF SCALE	6.58E-04	7.37E-05		1,200	1,800	OFF SCALE	OFF SCALE	OFF SCALE	6.58E-04	7.37E-05	
'K' (SJ Sample Panel)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-23	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'L' (SF S of SD-23)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-22	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-39	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
SD-21	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'M' (SF W of SD-19)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	
'N' (N. Pipe Pen G IA)	320	420	400,000	OFF SCALE	OFF SCALE	1.75E-04	1.96E-05		320	420	400,000	OFF SCALE	OFF SCALE	1.75E-04	1.96E-05		320	420	400,000	OFF SCALE	OFF SCALE	1.75E-04	1.96E-05	
'O' (Turb Aux Fd)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10		<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	

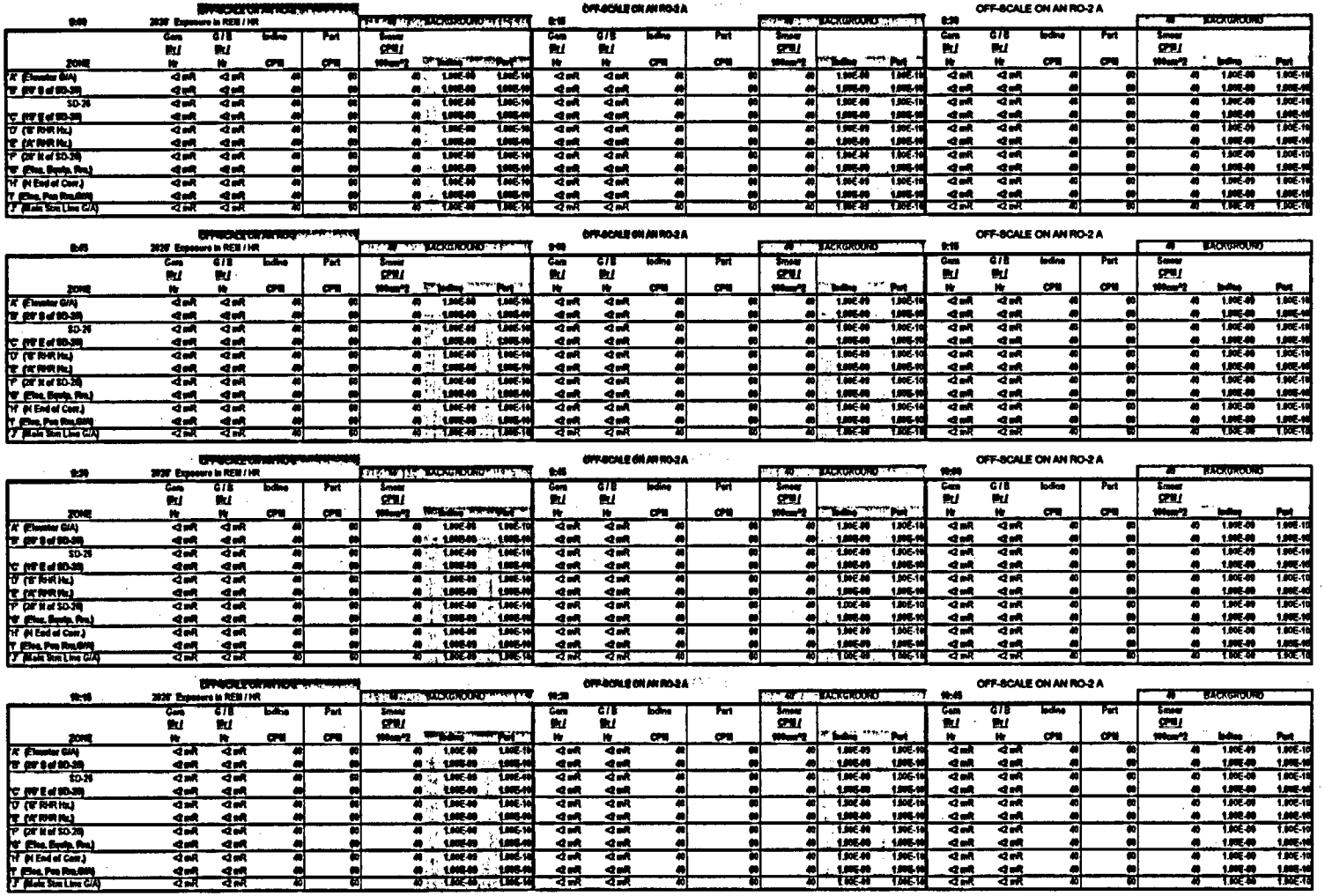




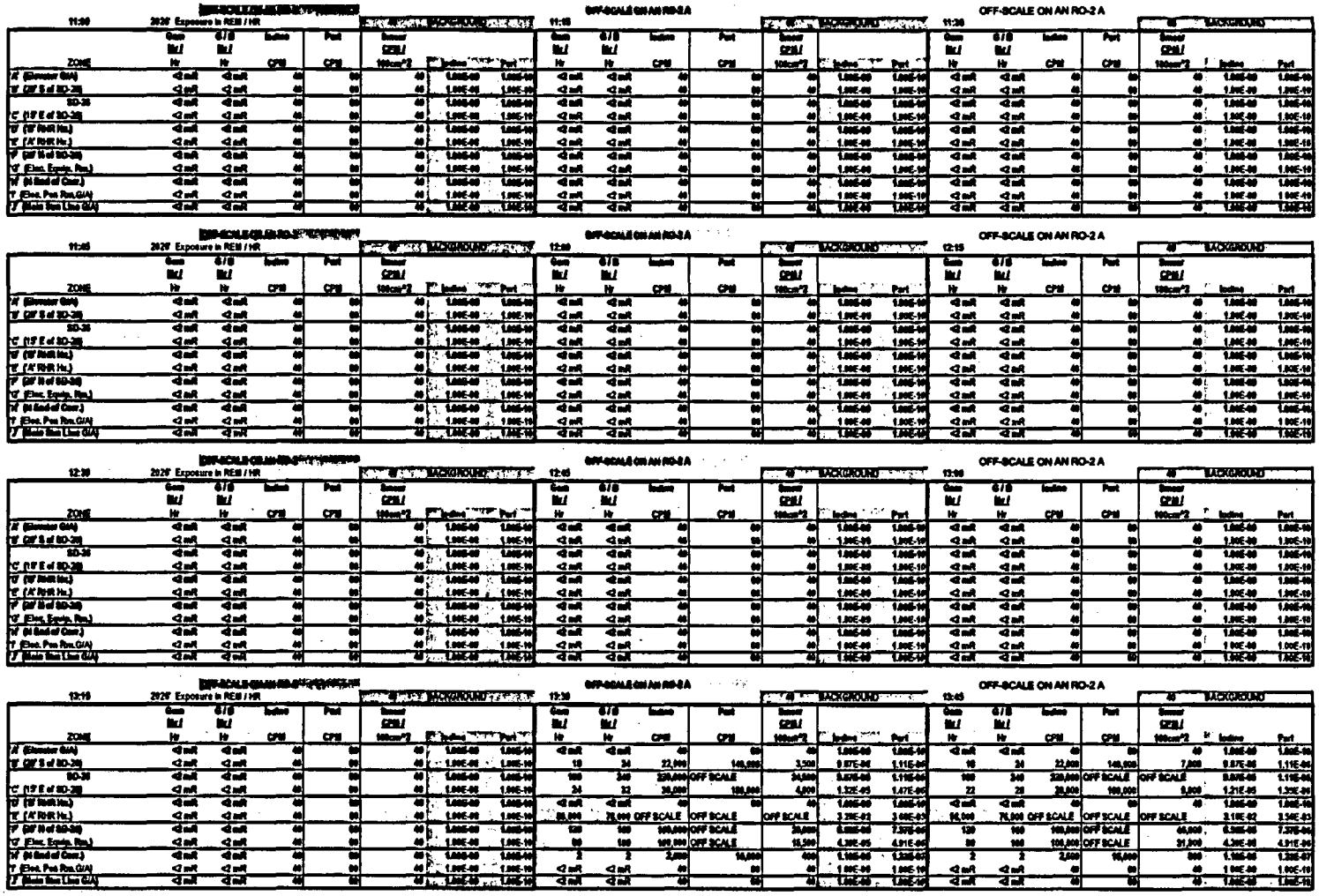




[9] Except as indicated, all radiation levels are as indicated by actual meter readings.



C08



OFF-SCALE ON AN RO-2 A

11:00 2026' Exposure in REM / HR

40 BACKGROUND

ZONE	Gam mR/ Hr	β / γ mR/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (20' S of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-28	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (15' E of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' ('B' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' ('A' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (20' N of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Elec. Equip. Rm.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (N End of Cont.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (Elec. Pen. Rm. G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Main Stm Line G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

11:15

40 BACKGROUND

ZONE	Gam mR/ Hr	β / γ mR/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (20' S of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-28	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (15' E of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' ('B' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' ('A' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (20' N of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Elec. Equip. Rm.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (N End of Cont.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (Elec. Pen. Rm. G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Main Stm Line G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

11:30

40 BACKGROUND

ZONE	Gam mR/ Hr	β / γ mR/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (20' S of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-28	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (15' E of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' ('B' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' ('A' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (20' N of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Elec. Equip. Rm.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (N End of Cont.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (Elec. Pen. Rm. G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Main Stm Line G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

11:45 2026' Exposure in REM / HR

40 BACKGROUND

ZONE	Gam mR/ Hr	β / γ mR/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (20' S of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-28	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (15' E of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' ('B' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' ('A' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (20' N of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Elec. Equip. Rm.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (N End of Cont.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (Elec. Pen. Rm. G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Main Stm Line G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

12:00

40 BACKGROUND

ZONE	Gam mR/ Hr	β / γ mR/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (20' S of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-28	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (15' E of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' ('B' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' ('A' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (20' N of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Elec. Equip. Rm.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (N End of Cont.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (Elec. Pen. Rm. G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Main Stm Line G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

12:15

40 BACKGROUND

ZONE	Gam mR/ Hr	β / γ mR/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (20' S of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-28	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (15' E of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' ('B' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' ('A' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (20' N of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Elec. Equip. Rm.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (N End of Cont.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (Elec. Pen. Rm. G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Main Stm Line G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

12:30 2026' Exposure in REM / HR

40 BACKGROUND

ZONE	Gam mR/ Hr	β / γ mR/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (20' S of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-28	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (15' E of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' ('B' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' ('A' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (20' N of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Elec. Equip. Rm.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (N End of Cont.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (Elec. Pen. Rm. G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Main Stm Line G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

12:45

40 BACKGROUND

ZONE	Gam mR/ Hr	β / γ mR/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (20' S of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-28	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (15' E of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' ('B' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' ('A' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (20' N of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Elec. Equip. Rm.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (N End of Cont.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (Elec. Pen. Rm. G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Main Stm Line G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

13:00

40 BACKGROUND

ZONE	Gam mR/ Hr	β / γ mR/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (20' S of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-28	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (15' E of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' ('B' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' ('A' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (20' N of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Elec. Equip. Rm.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (N End of Cont.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (Elec. Pen. Rm. G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Main Stm Line G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

13:15 2026' Exposure in REM / HR

40 BACKGROUND

ZONE	Gam mR/ Hr	β / γ mR/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (20' S of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-28	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (15' E of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' ('B' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' ('A' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (20' N of SD-28)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Elec. Equip. Rm.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (N End of Cont.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (Elec. Pen. Rm. G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Main Stm Line G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

13:30

40 BACKGROUND

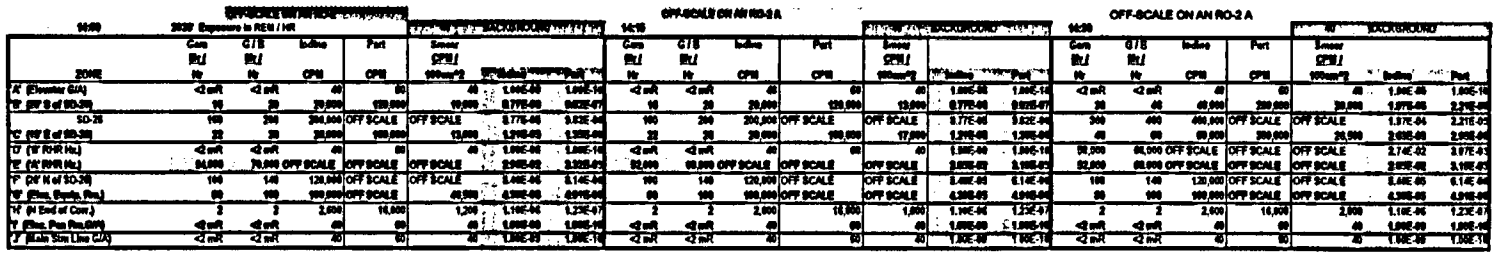
ZONE	Gam mR/ Hr	β / γ mR/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (20' S of SD-28)	10	24	22,000	140,000	3,500	9.87E-06	1.11E-06
SD-28	100	240	220,000	OFF SCALE	34,000	9.87E-05	1.11E-06
'C' (15' E of SD-28)	24	32	30,000	100,000	4,000	1.32E-05	1.47E-06
'D' ('B' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' ('A' RHR Hx.)	95,000	75,000	OFF SCALE	OFF SCALE	OFF SCALE	3.29E-02	3.60E-03
'F' (20' N of SD-28)	120	160	160,000	OFF SCALE	20,000	6.58E-05	7.37E-06
'G' (Elec. Equip. Rm.)	80	100	100,000	OFF SCALE	15,500	4.39E-05	4.91E-06
'H' (N End of Cont.)	2	2	2,000	16,000	400	1.10E-06	1.23E-07
'I' (Elec. Pen. Rm. G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Main Stm Line G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2 A

13:45

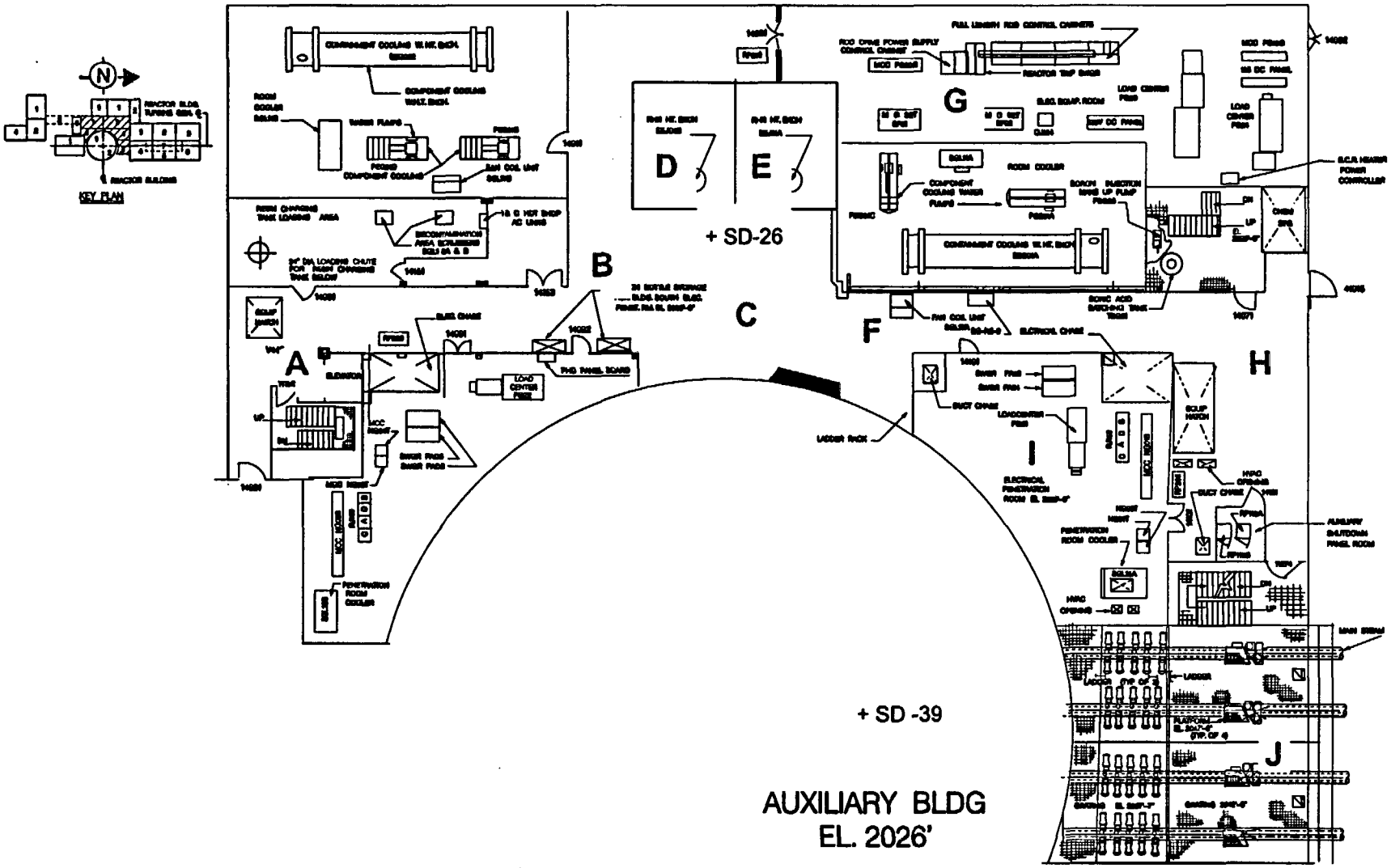
40 BACKGROUND

ZONE	Gam mR/ Hr	β / γ mR/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Elevator G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (20' S of SD-28)	16	24	22,000	140,000	7,000	9.87E-06	1.11E-06
SD-28	100	240	220,000	OFF SCALE	OFF SCALE	9.87E-05	1.11E-06
'C' (15' E of SD-28)	22	28	28,000	100,000	9,000	1.21E-05	1.33E-06
'D' ('B' RHR Hx.)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' ('A' RHR Hx.)	95,000	75,000	OFF SCALE	OFF SCALE	OFF SCALE	3.10E-02	3.54E-03
'F' (20' N of SD-28)	120	160	160,000	OFF SCALE	46,000	6.58E-05	7.37E-06
'G' (Elec. Equip. Rm.)	80	100	100,000	OFF SCALE	31,000	4.39E-05	4.91E-06
'H' (N End of Cont.)	2	2	2,000	16,000	800	1.10E-06	1.23E-07
'I' (Elec. Pen. Rm. G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Main Stm Line G/A)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10



14:00	2035' Exposure in REM / HR				BACKGROUND				14:10	OFF-SCALE ON AN RO-2 A				BACKGROUND			14:20	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
ZONE	Gas Rx / Hr	GTB Rx / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part		Gas Rx / Hr	GTB Rx / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part		Gas Rx / Hr	GTB Rx / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10		<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10		<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10
'B' (SF S of SG-2B)	10	20	20,000	120,000	10,000	8.77E-06	8.62E-07		10	20	20,000	120,000	13,000	8.77E-06	8.62E-07		20	40	40,000	200,000	20,000	1.27E-05	2.21E-06
SG-2B	100	200	200,000	OFF SCALE	OFF SCALE	8.77E-06	8.62E-04		100	200	200,000	OFF SCALE	OFF SCALE	8.77E-06	8.62E-04		300	400	400,000	OFF SCALE	OFF SCALE	1.31E-04	2.21E-05
'C' (SF E of SG-2B)	22	30	30,000	160,000	13,000	1.31E-05	1.33E-06		22	30	30,000	160,000	17,000	1.31E-05	1.33E-06		40	60	60,000	260,000	26,000	2.63E-05	2.66E-06
'D' (SF RHR Hx.)	<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10		<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10		50,000	60,000	OFF SCALE	OFF SCALE	OFF SCALE	2.74E-02	3.07E-03
'E' (W RHR Hx.)	54,000	70,000	OFF SCALE	OFF SCALE	OFF SCALE	2.94E-02	3.32E-03		52,000	68,000	OFF SCALE	OFF SCALE	OFF SCALE	2.85E-02	3.19E-03		52,000	68,000	OFF SCALE	OFF SCALE	OFF SCALE	2.85E-02	3.19E-03
'F' (SF N of SG-2B)	100	140	120,000	OFF SCALE	OFF SCALE	5.48E-05	6.14E-04		100	140	120,000	OFF SCALE	OFF SCALE	5.48E-05	6.14E-04		100	140	120,000	OFF SCALE	OFF SCALE	5.48E-05	6.14E-04
'G' (Elec. Equip. Rm.)	90	100	100,000	OFF SCALE	40,000	4.39E-05	4.91E-04		90	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-04		90	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-04
'H' (N End of Conv.)	2	2	2,000	10,000	1,300	1.14E-04	1.25E-07		2	2	2,000	10,000	1,600	1.14E-04	1.25E-07		2	2	2,000	10,000	2,000	1.10E-04	1.23E-07
'I' (Elec. Pen Rm.GIA)	<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10		<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10		<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10
'J' (Main Stm Line GIA)	<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10		<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10		<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10

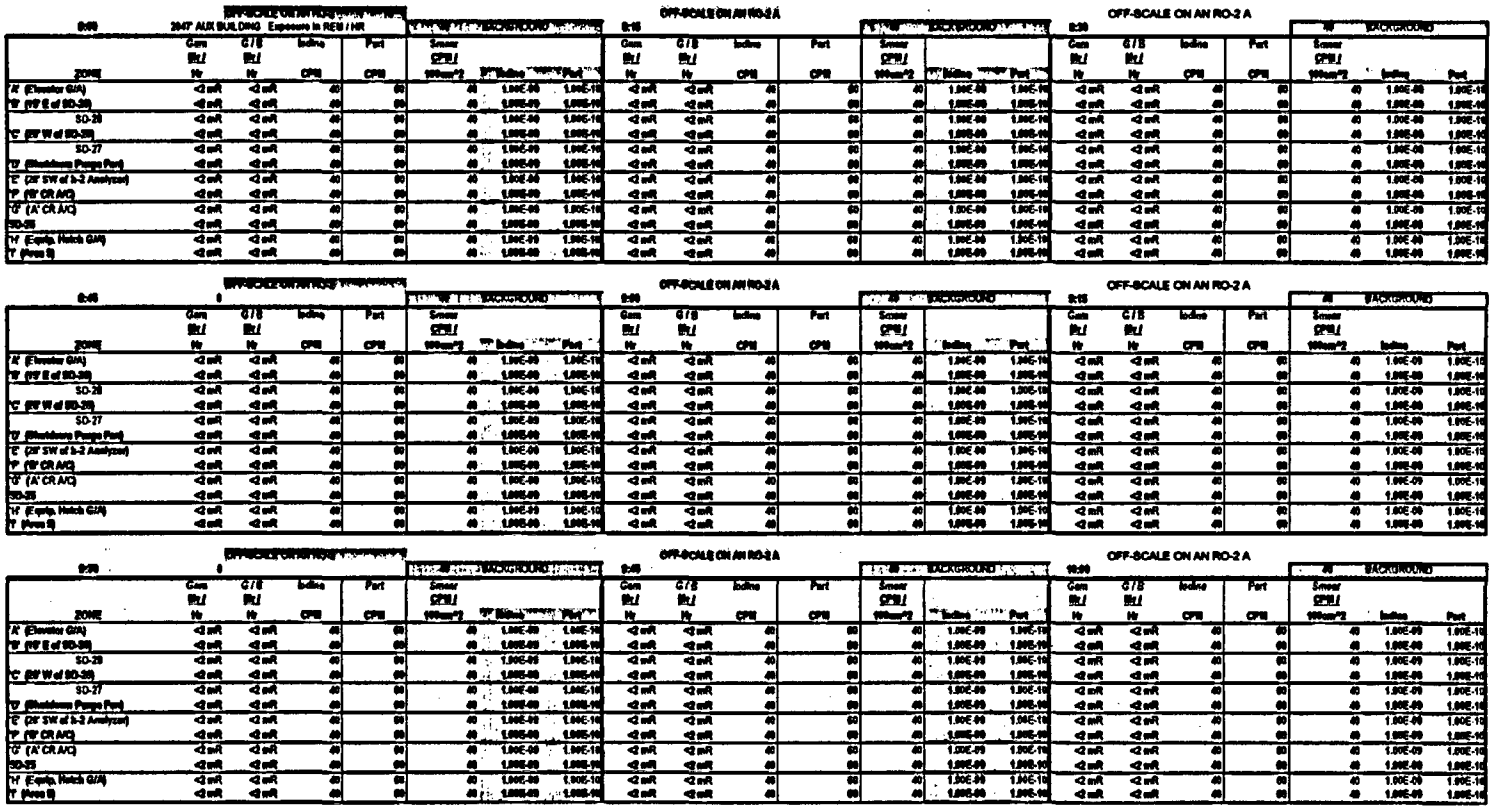
14:45	2035' Exposure in REM / HR				BACKGROUND				15:00	OFF-SCALE ON AN RO-2 A				BACKGROUND									
ZONE	Gas Rx / Hr	GTB Rx / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part		Gas Rx / Hr	GTB Rx / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part								
'A' (Elevator GIA)	<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10		<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10								
'B' (SF S of SG-2B)	30	40	40,000	200,000	27,000	1.57E-05	2.21E-06		30	44	44,000	200,000	33,000	1.88E-05	2.98E-06								
SG-2B	300	400	400,000	OFF SCALE	OFF SCALE	1.97E-04	2.21E-05		340	440	440,000	OFF SCALE	OFF SCALE	1.98E-04	2.91E-05								
'C' (SF E of SG-2B)	40	60	60,000	300,000	30,000	2.63E-05	2.97E-06		40	60	60,000	300,000	40,000	2.63E-05	2.63E-06								
'D' (SF RHR Hx.)	50,000	60,000	OFF SCALE	OFF SCALE	OFF SCALE	2.74E-02	3.07E-03		48,000	62,000	OFF SCALE	OFF SCALE	OFF SCALE	2.63E-02	2.95E-03								
'E' (W RHR Hx.)	52,000	68,000	OFF SCALE	OFF SCALE	OFF SCALE	2.85E-02	3.19E-03		52,000	68,000	OFF SCALE	OFF SCALE	OFF SCALE	2.85E-02	3.19E-03								
'F' (SF N of SG-2B)	100	140	120,000	OFF SCALE	OFF SCALE	5.48E-05	6.14E-04		100	140	120,000	OFF SCALE	OFF SCALE	5.48E-05	6.14E-04								
'G' (Elec. Equip. Rm.)	90	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-04		90	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-04								
'H' (N End of Conv.)	2	2	2,000	10,000	2,400	1.14E-04	1.25E-07		2	2	2,000	10,000	2,800	1.14E-04	1.23E-07								
'I' (Elec. Pen Rm.GIA)	<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10		<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10								
'J' (Main Stm Line GIA)	<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10		<2 mR	<2 mR	40	60	40	1.04E-06	1.04E-10								



Area Five is inaccessibledue to steam, from 10:45 on.

10

[10] Except as indicated, all radiation levels are as indicated by actual meter readings.

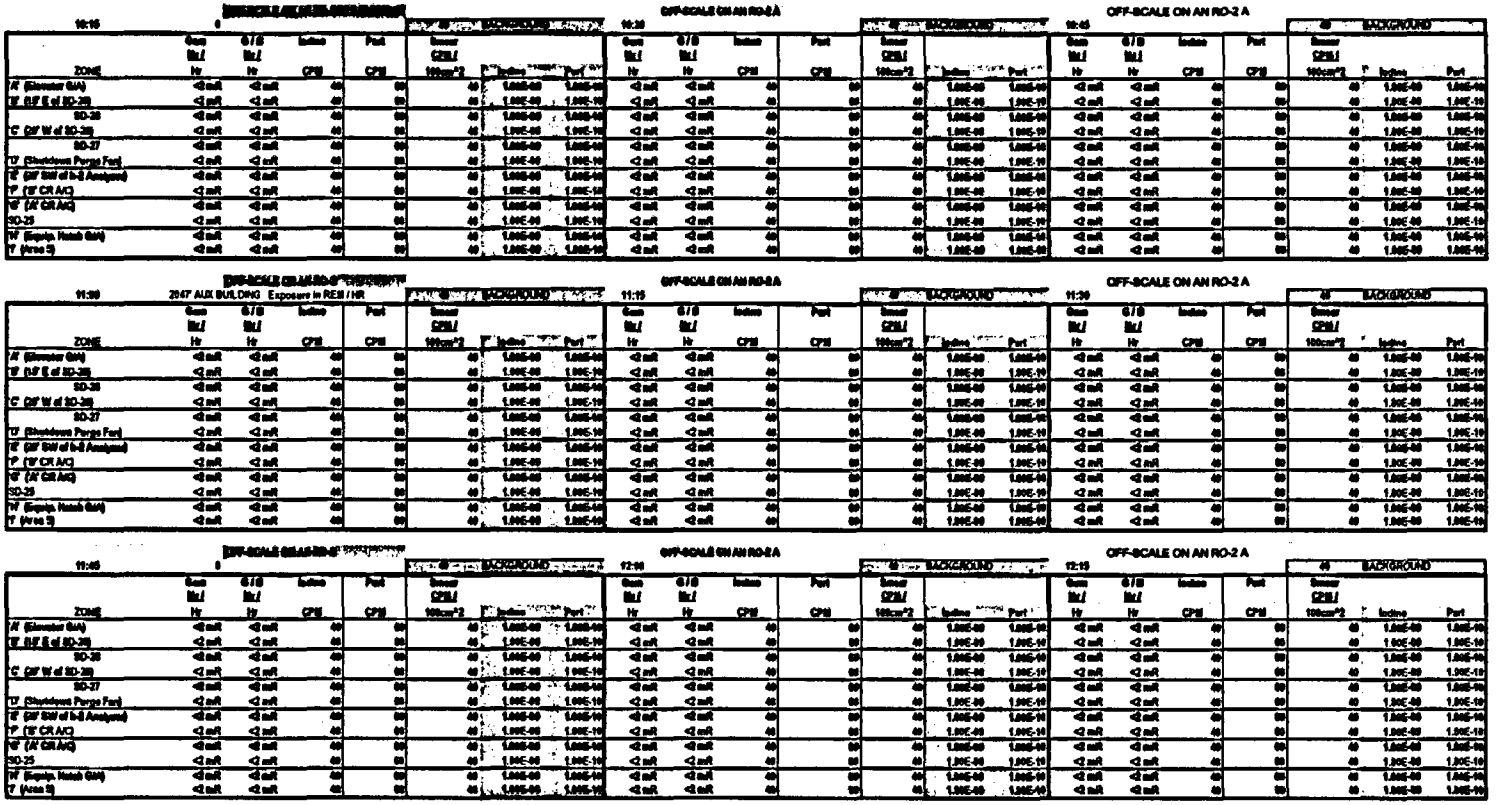


9:00	2447 AUX BUILDING Exposure in REM / HR				OFF-SCALE ON AN RO-2 A				OFF-SCALE ON AN RO-2 A				OFF-SCALE ON AN RO-2 A			
	Gam Rt/ Hr	G-T-B Rt/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part	Gam Rt/ Hr	G-T-B Rt/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part	Gam Rt/ Hr	G-T-B Rt/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part
ZONE			CPM	CPM						CPM	CPM						CPM	CPM			
'A' (Elevator GA)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'B' (10' E of SD-28)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
SD-28	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'C' (20' W of SD-28)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
SD-27	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'D' (Blackhawk Pumps Port)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'E' (20' SW of b-3 Analyzer)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'F' (10' CR A/C)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'G' (A' CR A/C)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
SD-25	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'H' (Equip. Hatch G/A)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'I' (Area 5)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10

9:45					OFF-SCALE ON AN RO-2 A				OFF-SCALE ON AN RO-2 A				OFF-SCALE ON AN RO-2 A			
	Gam Rt/ Hr	G-T-B Rt/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part	Gam Rt/ Hr	G-T-B Rt/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part	Gam Rt/ Hr	G-T-B Rt/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part
ZONE			CPM	CPM						CPM	CPM						CPM	CPM			
'A' (Elevator GA)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'B' (10' E of SD-28)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
SD-28	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'C' (20' W of SD-28)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
SD-27	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'D' (Blackhawk Pumps Port)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'E' (20' SW of b-3 Analyzer)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'F' (10' CR A/C)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'G' (A' CR A/C)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
SD-25	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'H' (Equip. Hatch G/A)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'I' (Area 5)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10

9:30					OFF-SCALE ON AN RO-2 A				OFF-SCALE ON AN RO-2 A				OFF-SCALE ON AN RO-2 A			
	Gam Rt/ Hr	G-T-B Rt/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part	Gam Rt/ Hr	G-T-B Rt/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part	Gam Rt/ Hr	G-T-B Rt/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part
ZONE			CPM	CPM						CPM	CPM						CPM	CPM			
'A' (Elevator GA)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'B' (10' E of SD-28)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
SD-28	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'C' (20' W of SD-28)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
SD-27	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'D' (Blackhawk Pumps Port)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'E' (20' SW of b-3 Analyzer)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'F' (10' CR A/C)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'G' (A' CR A/C)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
SD-25	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'H' (Equip. Hatch G/A)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10
'I' (Area 5)	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10	<1 mR	<1 mR	40	80	40	1.00E-09	1.00E-10

HL03040768



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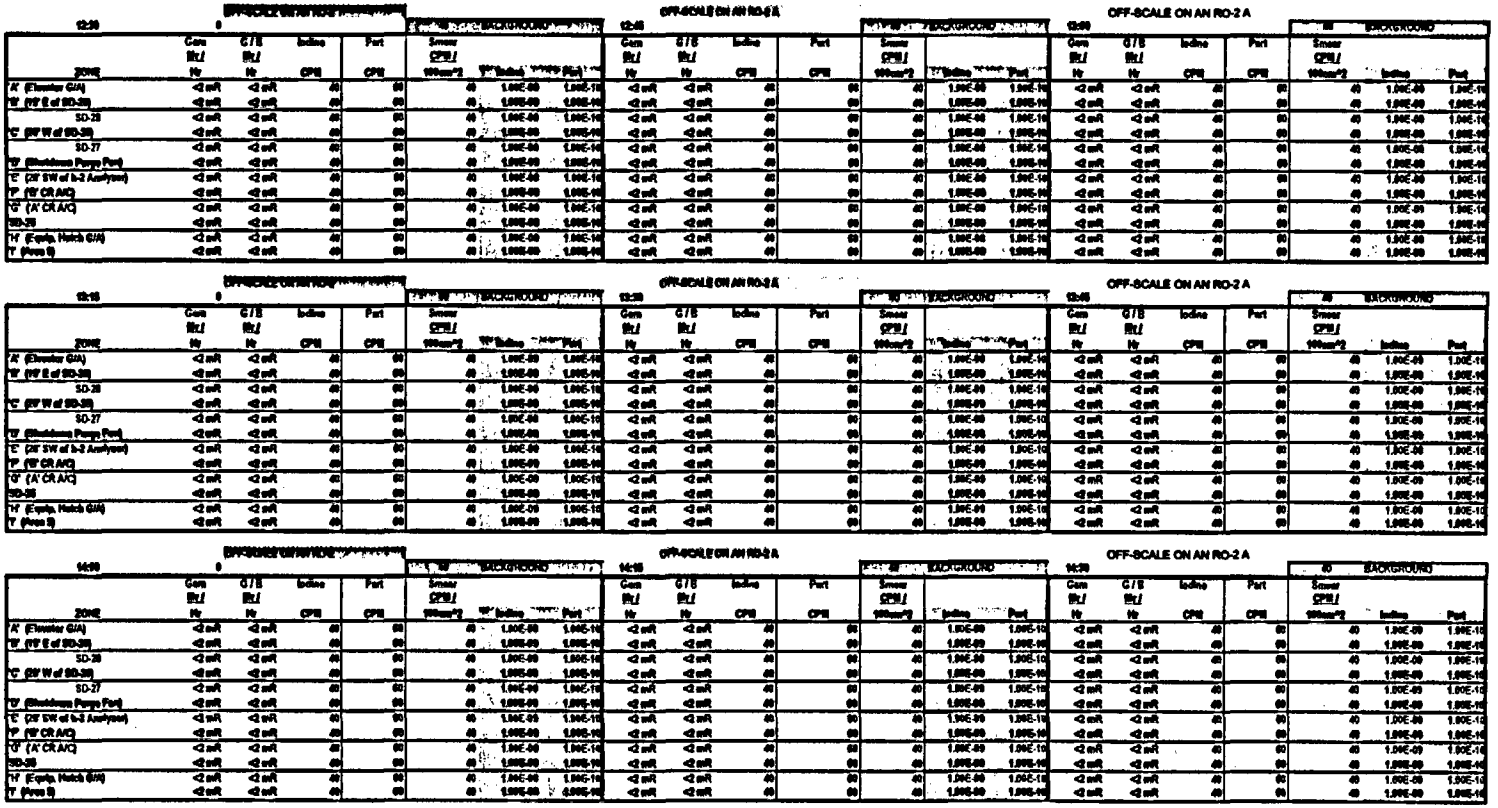
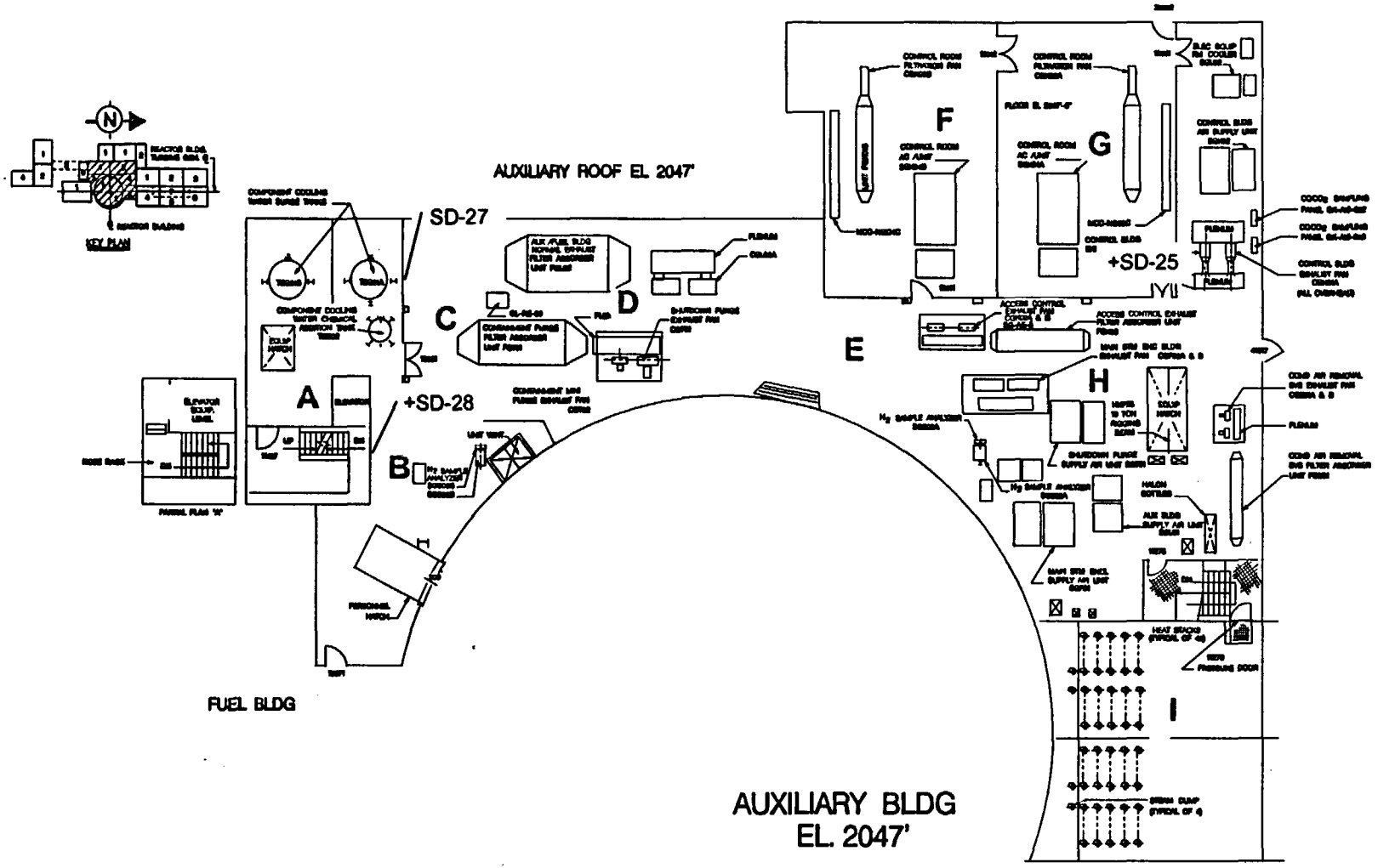

OFF-SCALE ON AN RO-2 A
OFF-SCALE ON AN RO-2 A
OFF-SCALE ON AN RO-2 A
OFF-SCALE ON AN RO-2 A
OFF-SCALE ON AN RO-2 A
OFF-SCALE ON AN RO-2 A

C03



Area Five is inaccessible due to steam, from 10:45 on.

11

[11] Except as indicated, all radiation levels are as indicated by actual meter readings.

8:00	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			8:15	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			8:30	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
	2007 FUEL BUILDING Exposure in REM / HR																						
ZONE	Gam Rf / Hr	G / B Rf / Hr	Iodine CFM	Part CFM	Smear CFM / 100cm^2	Iodine	Part	Gam Rf / Hr	G / B Rf / Hr	Iodine CFM	Part CFM	Smear CFM / 100cm^2	Iodine	Part	Gam Rf / Hr	G / B Rf / Hr	Iodine CFM	Part CFM	Smear CFM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Outside Door 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Inside Door 610)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (Inside Door 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-34	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' (Top of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outside Door 61011)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outside Door 61012)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (25' from Doors 61012 & 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (25' from Door 61022)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Inside Door 61022)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' (Inside Door 61021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (Outside Door 61021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

8:45	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			9:00	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			9:15	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
	2007 FUEL BUILDING Exposure in REM / HR																						
ZONE	Gam Rf / Hr	G / B Rf / Hr	Iodine CFM	Part CFM	Smear CFM / 100cm^2	Iodine	Part	Gam Rf / Hr	G / B Rf / Hr	Iodine CFM	Part CFM	Smear CFM / 100cm^2	Iodine	Part	Gam Rf / Hr	G / B Rf / Hr	Iodine CFM	Part CFM	Smear CFM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Outside Door 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Inside Door 610)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (Inside Door 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-34	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' (Top of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outside Door 61011)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outside Door 61012)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (25' from Doors 61012 & 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (25' from Door 61022)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Inside Door 61022)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' (Inside Door 61021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (Outside Door 61021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

9:30	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			9:45	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			10:00	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
	2007 FUEL BUILDING Exposure in REM / HR																						
ZONE	Gam Rf / Hr	G / B Rf / Hr	Iodine CFM	Part CFM	Smear CFM / 100cm^2	Iodine	Part	Gam Rf / Hr	G / B Rf / Hr	Iodine CFM	Part CFM	Smear CFM / 100cm^2	Iodine	Part	Gam Rf / Hr	G / B Rf / Hr	Iodine CFM	Part CFM	Smear CFM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Outside Door 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Inside Door 610)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (Inside Door 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-34	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' (Top of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outside Door 61011)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outside Door 61012)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (25' from Doors 61012 & 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (25' from Door 61022)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Inside Door 61022)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' (Inside Door 61021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (Outside Door 61021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

COLA

10:15	2000' FUEL BUILDING Exposure In REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 10:30				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 10:45				40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Outside Door 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Inside Door 610)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (Inside Door 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-34	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' (Top of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outside Door 61011)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outside Door 61012)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (25' from Doors 61012 & 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (25' from Door 61022)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Inside Door 61022)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' (Inside Door 61021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (Outside Door 61021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

11:00	2000' FUEL BUILDING Exposure In REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 11:15				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 11:30				40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Outside Door 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Inside Door 610)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (Inside Door 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-34	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' (Top of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Outside Door 61011)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (Outside Door 61012)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (25' from Doors 61012 & 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (25' from Door 61022)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Inside Door 61022)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' (Inside Door 61021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'L' (Outside Door 61021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

11:45	2000' FUEL BUILDING Exposure In REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 12:00				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 12:15				40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	448,000	562,000	OFF SCALE	OFF SCALE	OFF SCALE	2.46E-01	2.78E-02	510,000	664,000	OFF SCALE	OFF SCALE	OFF SCALE	2.80E-01	3.13E-02
'B' (Outside Door 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	448,000	562,000	OFF SCALE	OFF SCALE	OFF SCALE	2.46E-01	2.78E-02	510,000	664,000	OFF SCALE	OFF SCALE	OFF SCALE	2.80E-01	3.13E-02
'C' (Inside Door 610)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	896,000	1,164,000	OFF SCALE	OFF SCALE	OFF SCALE	4.91E-01	5.56E-02	1,020,000	1,326,000	OFF SCALE	OFF SCALE	OFF SCALE	5.59E-01	6.26E-02
'D' (Inside Door 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	896,000	1,164,000	OFF SCALE	OFF SCALE	OFF SCALE	4.91E-01	5.56E-02	1,020,000	1,326,000	OFF SCALE	OFF SCALE	OFF SCALE	5.59E-01	6.26E-02
SD-34	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	748,000	972,000	OFF SCALE	OFF SCALE	OFF SCALE	4.10E-01	4.64E-02	868,000	1,128,000	OFF SCALE	OFF SCALE	OFF SCALE	4.66E-01	5.22E-02
'E' (Top of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	14	18	18,000	100,000	2,700	7.67E-06	8.60E-07	14	18	18,000	100,000	5,500	7.67E-06	8.60E-07
'F' (Outside Door 61011)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	1,400	1,800	OFF SCALE	OFF SCALE	OFF SCALE	7.67E-04	8.60E-05	1,800	2,400	OFF SCALE	OFF SCALE	OFF SCALE	9.87E-04	1.11E-04
'G' (Outside Door 61012)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	3,000	4,000	OFF SCALE	OFF SCALE	OFF SCALE	1.64E-03	1.84E-04	3,400	4,400	OFF SCALE	OFF SCALE	OFF SCALE	1.86E-03	2.09E-04
'H' (25' from Doors 61012 & 61052)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	16,000	24,000	OFF SCALE	OFF SCALE	OFF SCALE	8.87E-03	1.11E-03	20,000	26,000	OFF SCALE	OFF SCALE	OFF SCALE	1.10E-02	1.23E-03
'I' (25' from Door 61022)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	1,800	2,400	OFF SCALE	OFF SCALE	OFF SCALE	9.87E-04	1.11E-04	2,000	2,600	OFF SCALE	OFF SCALE	OFF SCALE	1.10E-03	1.23E-04
'J' (Inside Door 61022)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	160	240	220,000	OFF SCALE	34,500	8.87E-06	1.11E-05	200	260	260,000	OFF SCALE	OFF SCALE	1.10E-04	1.23E-05
'K' (Inside Door 61021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	160	200	200,000	OFF SCALE	31,000	8.77E-05	9.82E-06	180	240	220,000	OFF SCALE	OFF SCALE	9.87E-05	1.11E-05
'L' (Outside Door 61021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	80	100	100,000	OFF SCALE	15,500	4.38E-05	4.91E-06	80	100	100,000	OFF SCALE	31,000	4.38E-05	4.91E-06

OFF-SCALE ON AN RO-2

12:30	2007 FUEL BUILDING Exposure in REM / HR				40 BACKGROUND		
ZONE	Gam Rt / Hr	G / B Rt / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	646,000	710,000	OFF SCALE	OFF SCALE	OFF SCALE	2.99E-01	3.33E-02
'B' (Outside Door 61052)	646,000	710,000	OFF SCALE	OFF SCALE	OFF SCALE	2.99E-01	3.33E-02
'C' (Inside Door 610)	1,090,000	1,418,000	OFF SCALE	OFF SCALE	OFF SCALE	8.98E-01	8.99E-02
'D' (Inside Door 61052)	1,090,000	1,418,000	OFF SCALE	OFF SCALE	OFF SCALE	8.98E-01	8.99E-02
SD-34	908,000	1,180,000	OFF SCALE	OFF SCALE	OFF SCALE	4.99E-01	5.57E-02
'E' (Top of Stairway)	16	20	20,000	120,000	8,000	8.77E-06	9.82E-07
'F' (Outside Door 61011)	1,800	2,400	OFF SCALE	OFF SCALE	OFF SCALE	9.87E-04	1.11E-04
'G' (Outside Door 61012)	3,600	4,800	OFF SCALE	OFF SCALE	OFF SCALE	1.97E-03	2.21E-04
'H' (25' from Doors 61012 & 61052)	22,800	28,800	OFF SCALE	OFF SCALE	OFF SCALE	1.21E-02	1.35E-03
'I' (25' from Door 61022)	2,280	2,880	OFF SCALE	OFF SCALE	OFF SCALE	1.21E-03	1.35E-04
'J' (Inside Door 61022)	228	288	288,000	OFF SCALE	OFF SCALE	1.21E-04	1.35E-05
'K' (Inside Door 61021)	180	240	228,000	OFF SCALE	OFF SCALE	9.87E-05	1.11E-05
'L' (Outside Door 61021)	100	140	120,000	OFF SCALE	OFF SCALE	5.48E-05	6.14E-06

OFF-SCALE ON AN RO-2 A

12:45					40 BACKGROUND		
ZONE	Gam Rt / Hr	G / B Rt / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	560,000	730,000	OFF SCALE	OFF SCALE	OFF SCALE	3.10E-01	3.48E-02
'B' (Outside Door 61052)	560,000	730,000	OFF SCALE	OFF SCALE	OFF SCALE	3.10E-01	3.48E-02
'C' (Inside Door 610)	1,132,000	1,472,000	OFF SCALE	OFF SCALE	OFF SCALE	8.31E-01	8.95E-02
'D' (Inside Door 61052)	1,132,000	1,472,000	OFF SCALE	OFF SCALE	OFF SCALE	8.31E-01	8.95E-02
SD-34	944,000	1,228,000	OFF SCALE	OFF SCALE	OFF SCALE	5.17E-01	5.80E-02
'E' (Top of Stairway)	16	20	20,000	120,000	11,000	8.77E-06	9.82E-07
'F' (Outside Door 61011)	1,800	2,400	OFF SCALE	OFF SCALE	OFF SCALE	9.87E-04	1.11E-04
'G' (Outside Door 61012)	3,600	4,800	OFF SCALE	OFF SCALE	OFF SCALE	1.97E-03	2.21E-04
'H' (25' from Doors 61012 & 61052)	22,800	28,800	OFF SCALE	OFF SCALE	OFF SCALE	1.21E-02	1.35E-03
'I' (25' from Door 61022)	2,280	2,880	OFF SCALE	OFF SCALE	OFF SCALE	1.21E-03	1.35E-04
'J' (Inside Door 61022)	228	288	288,000	OFF SCALE	OFF SCALE	1.21E-04	1.35E-05
'K' (Inside Door 61021)	200	260	288,000	OFF SCALE	OFF SCALE	1.10E-04	1.23E-05
'L' (Outside Door 61021)	100	140	120,000	OFF SCALE	OFF SCALE	5.48E-05	6.14E-06

OFF-SCALE ON AN RO-2 A

13:00					40 BACKGROUND		
ZONE	Gam Rt / Hr	G / B Rt / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	570,000	740,000	OFF SCALE	OFF SCALE	OFF SCALE	3.16E-01	3.54E-02
'B' (Outside Door 61052)	570,000	740,000	OFF SCALE	OFF SCALE	OFF SCALE	3.16E-01	3.54E-02
'C' (Inside Door 610)	1,152,000	1,499,000	OFF SCALE	OFF SCALE	OFF SCALE	8.32E-01	7.97E-02
'D' (Inside Door 61052)	1,152,000	1,499,000	OFF SCALE	OFF SCALE	OFF SCALE	8.32E-01	7.97E-02
SD-34	960,000	1,248,000	OFF SCALE	OFF SCALE	OFF SCALE	5.26E-01	5.89E-02
'E' (Top of Stairway)	16	20	20,000	120,000	14,500	8.77E-06	9.82E-07
'F' (Outside Door 61011)	2,000	2,600	OFF SCALE	OFF SCALE	OFF SCALE	1.10E-03	1.23E-04
'G' (Outside Door 61012)	3,800	5,000	OFF SCALE	OFF SCALE	OFF SCALE	2.09E-03	2.33E-04
'H' (25' from Doors 61012 & 61052)	24,000	32,000	OFF SCALE	OFF SCALE	OFF SCALE	1.32E-02	1.47E-03
'I' (25' from Door 61022)	2,400	3,200	OFF SCALE	OFF SCALE	OFF SCALE	1.32E-03	1.47E-04
'J' (Inside Door 61022)	240	320	308,000	OFF SCALE	OFF SCALE	1.32E-04	1.47E-05
'K' (Inside Door 61021)	200	260	288,000	OFF SCALE	OFF SCALE	1.10E-04	1.23E-05
'L' (Outside Door 61021)	100	140	120,000	OFF SCALE	OFF SCALE	5.48E-05	6.14E-06

OFF-SCALE ON AN RO-2

13:15	2007 FUEL BUILDING Exposure in REM / HR				40 BACKGROUND		
ZONE	Gam Rt / Hr	G / B Rt / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	554,000	720,000	OFF SCALE	OFF SCALE	OFF SCALE	3.04E-01	3.40E-02
'B' (Outside Door 61052)	554,000	720,000	OFF SCALE	OFF SCALE	OFF SCALE	3.04E-01	3.40E-02
'C' (Inside Door 610)	1,108,000	1,440,000	OFF SCALE	OFF SCALE	OFF SCALE	8.67E-01	8.80E-02
'D' (Inside Door 61052)	1,108,000	1,440,000	OFF SCALE	OFF SCALE	OFF SCALE	8.67E-01	8.80E-02
SD-34	924,000	1,202,000	OFF SCALE	OFF SCALE	OFF SCALE	5.07E-01	5.67E-02
'E' (Top of Stairway)	16	20	20,000	120,000	17,500	8.77E-06	9.82E-07
'F' (Outside Door 61011)	1,800	2,400	OFF SCALE	OFF SCALE	OFF SCALE	9.87E-04	1.11E-04
'G' (Outside Door 61012)	3,600	4,800	OFF SCALE	OFF SCALE	OFF SCALE	1.97E-03	2.21E-04
'H' (25' from Doors 61012 & 61052)	22,800	28,800	OFF SCALE	OFF SCALE	OFF SCALE	1.21E-02	1.35E-03
'I' (25' from Door 61022)	2,280	2,880	OFF SCALE	OFF SCALE	OFF SCALE	1.21E-03	1.35E-04
'J' (Inside Door 61022)	228	288	288,000	OFF SCALE	OFF SCALE	1.21E-04	1.35E-05
'K' (Inside Door 61021)	180	240	228,000	OFF SCALE	OFF SCALE	9.87E-05	1.11E-05
'L' (Outside Door 61021)	100	140	120,000	OFF SCALE	OFF SCALE	5.48E-05	6.14E-06

OFF-SCALE ON AN RO-2 A

13:30					40 BACKGROUND		
ZONE	Gam Rt / Hr	G / B Rt / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	560,000	728,000	OFF SCALE	OFF SCALE	OFF SCALE	3.07E-01	3.44E-02
'B' (Outside Door 61052)	560,000	728,000	OFF SCALE	OFF SCALE	OFF SCALE	3.07E-01	3.44E-02
'C' (Inside Door 610)	1,122,000	1,458,000	OFF SCALE	OFF SCALE	OFF SCALE	8.19E-01	8.89E-02
'D' (Inside Door 61052)	1,122,000	1,458,000	OFF SCALE	OFF SCALE	OFF SCALE	8.19E-01	8.89E-02
SD-34	934,000	1,214,000	OFF SCALE	OFF SCALE	OFF SCALE	5.12E-01	5.73E-02
'E' (Top of Stairway)	16	20	20,000	120,000	20,000	8.77E-06	9.82E-07
'F' (Outside Door 61011)	1,800	2,400	OFF SCALE	OFF SCALE	OFF SCALE	9.87E-04	1.11E-04
'G' (Outside Door 61012)	3,600	4,800	OFF SCALE	OFF SCALE	OFF SCALE	1.97E-03	2.21E-04
'H' (25' from Doors 61012 & 61052)	22,800	28,800	OFF SCALE	OFF SCALE	OFF SCALE	1.21E-02	1.35E-03
'I' (25' from Door 61022)	2,280	2,880	OFF SCALE	OFF SCALE	OFF SCALE	1.21E-03	1.35E-04
'J' (Inside Door 61022)	228	288	288,000	OFF SCALE	OFF SCALE	1.21E-04	1.35E-05
'K' (Inside Door 61021)	180	240	228,000	OFF SCALE	OFF SCALE	9.87E-05	1.11E-05
'L' (Outside Door 61021)	100	140	120,000	OFF SCALE	OFF SCALE	5.48E-05	6.14E-06

OFF-SCALE ON AN RO-2 A

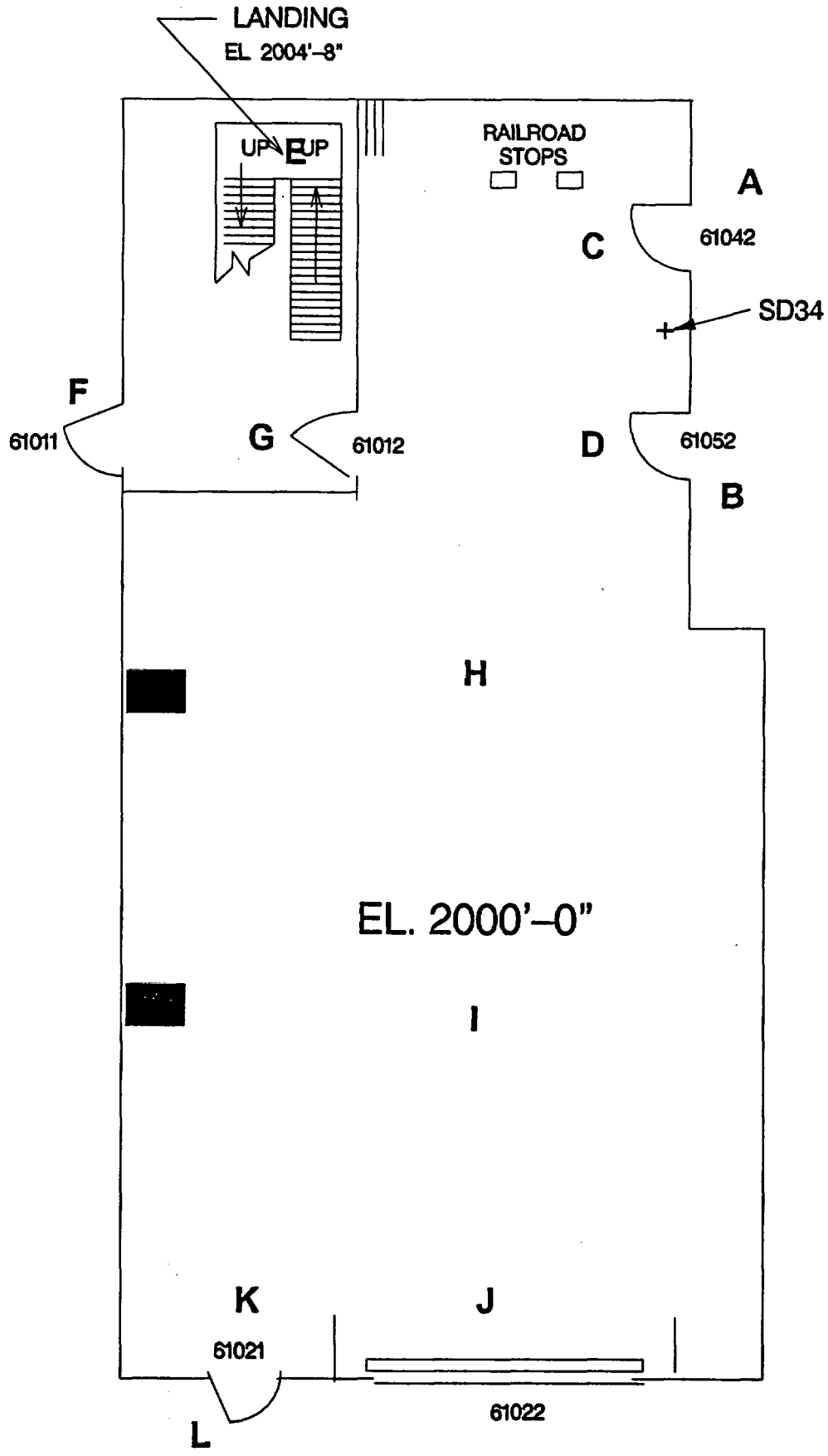
13:45					40 BACKGROUND		
ZONE	Gam Rt / Hr	G / B Rt / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	538,000	700,000	OFF SCALE	OFF SCALE	OFF SCALE	2.95E-01	3.30E-02
'B' (Outside Door 61052)	538,000	700,000	OFF SCALE	OFF SCALE	OFF SCALE	2.95E-01	3.30E-02
'C' (Inside Door 610)	1,074,000	1,396,000	OFF SCALE	OFF SCALE	OFF SCALE	5.89E-01	6.59E-02
'D' (Inside Door 61052)	1,074,000	1,396,000	OFF SCALE	OFF SCALE	OFF SCALE	5.89E-01	6.59E-02
SD-34	898,000	1,164,000	OFF SCALE	OFF SCALE	OFF SCALE	4.91E-01	5.50E-02
'E' (Top of Stairway)	16	20	20,000	120,000	23,500	8.77E-06	9.82E-07
'F' (Outside Door 61011)	1,800	2,400	OFF SCALE	OFF SCALE	OFF SCALE	9.87E-04	1.11E-04
'G' (Outside Door 61012)	3,600	4,800	OFF SCALE	OFF SCALE	OFF SCALE	1.97E-03	2.21E-04
'H' (25' from Doors 61012 & 61052)	22,000	28,000	OFF SCALE	OFF SCALE	OFF SCALE	1.21E-02	1.35E-03
'I' (25' from Door 61022)	2,200	2,800	OFF SCALE	OFF SCALE	OFF SCALE	1.21E-03	1.35E-04
'J' (Inside Door 61022)	220	280	280,000	OFF SCALE	OFF SCALE	1.21E-04	1.35E-05
'K' (Inside Door 61021)	180	240	228,000	OFF SCALE	OFF SCALE	9.87E-05	1.11E-05
'L' (Outside Door 61021)	100	140	120,000	OFF SCALE	OFF SCALE	5.48E-05	6.14E-06

OFF-SCALE ON AN RO-2

14:00	2007 FUEL BUILDING Exposure in REM / HR				40 BACKGROUND		
ZONE	Gam Rt / Hr	G / B Rt / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Outside Door 61042)	514,000	668,000	OFF SCALE	OFF SCALE	OFF SCALE	2.82E-01	3.16E-02
'B' (Outside Door 61052)	514,000	668,000	OFF SCALE	OFF SCALE	OFF SCALE	2.82E-01	3.16E-02
'C' (Inside Door 610)	1,028,000	1,334,000	OFF SCALE	OFF SCALE	OFF SCALE	8.04E-01	8.31E-02
'D' (Inside Door 61052)	1,028,000	1,334,000	OFF SCALE	OFF SCALE	OFF SCALE	8.04E-01	8.31E-02
SD-34	856,000	1,112,000	OFF SCALE	OFF SCALE	OFF SCALE	4.69E-01	5.26E-02
'E' (Top of Stairway)	16	20	20,000	120,000	26,000	8.77E-06	9.82E-07
'F' (Outside Door 61011)	1,800	2,400	OFF SCALE	OFF SCALE	OFF SCALE	9.87E-04	1.11E-04
'G' (Outside Door 61012)	3,400	4,400	OFF SCALE	OFF SCALE	OFF SCALE	1.86E-03	2.09E-04
'H' (25' from Doors 61012 & 61052)	20,000	26,000	OFF SCALE	OFF SCALE	OFF SCALE	1.10E-02	1.23E-03
'I' (25' from Door 61022)	2,000	2,600	OFF SCALE	OFF SCALE	OFF SCALE	1.10E-03	1.23E-04
'J' (Inside Door 61022)	200	260	260,000	OFF SCALE	OFF SCALE	1.10E-04	1.23E-05
'K' (Inside Door 61021)	180	240	228,000	OFF SCALE	OFF SCALE	9.87E-05	1.11E-05
'L' (Outside Door 61021)	80	100	100,000	OFF SCALE	OFF SCALE	4.39E-05	4.91E-06

OFF-SCALE ON AN RO-2 A

OFF-SCALE ON AN RO-2 A


LANDING
EL 2004'-8"
UP
UP
RAILROAD
STOPS
A
C
61042
SD34
F
61011
G
61012
D
61052
B
H
EL. 2000'-0"
I
K
61021
J
61022
L

10:15	OFF-SCALE ON AN RO-2 A 2926 FUEL BUILDING Exposure in REM / HR				40 BACKGROUND			10:30	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			10:45	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Top of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Bottom of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-35	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	Smear	1.00E-09	1.00E-10
SD-36	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Inside Door 62021)	<2 mR	<2 mR	40	60	9,500	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	9,500	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	9,500	1.00E-09	1.00E-10
'D' (Outside Door 62021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' (Base of Ladder)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

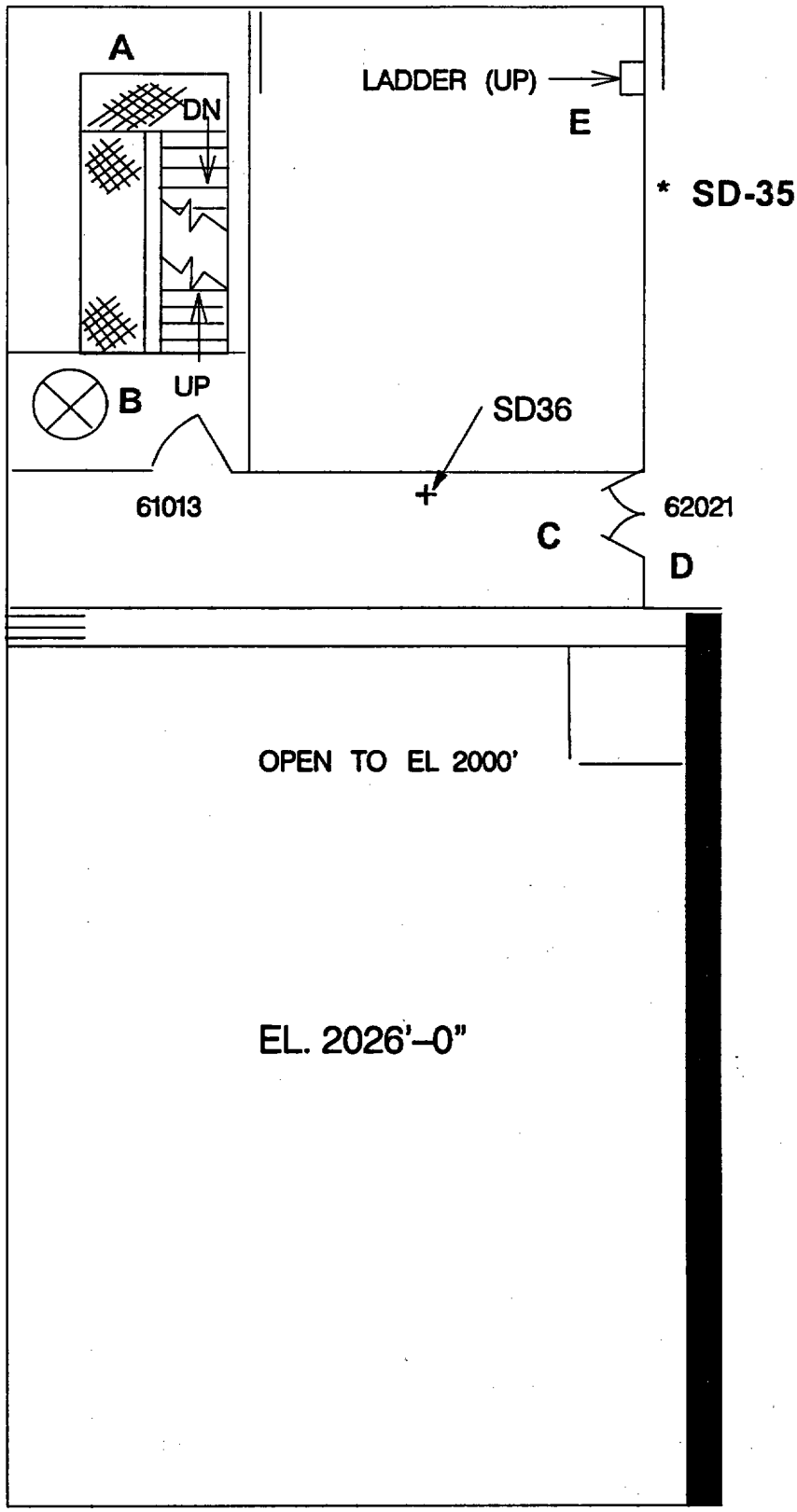
11:00	OFF-SCALE ON AN RO-2 2926 FUEL BUILDING Exposure in REM / HR				40 BACKGROUND			11:15	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			11:30	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Top of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Bottom of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-35	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	Smear	1.00E-09	1.00E-10
SD-36	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (Inside Door 62021)	<2 mR	<2 mR	40	60	9,500	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	9,500	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	9,500	1.00E-09	1.00E-10
'D' (Outside Door 62021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' (Base of Ladder)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

11:45	OFF-SCALE ON AN RO-2 2926 FUEL BUILDING Exposure in REM / HR				40 BACKGROUND			12:00	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			12:15	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Top of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	4	6	6,000	30,000	800	2.19E-08	2.46E-07	600	800	OFF SCALE	OFF SCALE	OFF SCALE	3.29E-04	3.68E-05
'B' (Bottom of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	32	42	40,000	240,000	6,000	1.79E-05	1.96E-06	36	46	46,000	280,000	13,000	1.97E-05	2.21E-06
SD-35	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	3,000	4,000	OFF SCALE	OFF SCALE	OFF SCALE	1.64E-03	1.84E-04	3,400	4,400	OFF SCALE	OFF SCALE	Smear	1.86E-03	2.09E-04
SD-36	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	3,000	4,000	OFF SCALE	OFF SCALE	OFF SCALE	1.64E-03	1.84E-04	3,400	4,400	OFF SCALE	OFF SCALE	OFF SCALE	1.86E-03	2.09E-04
'C' (Inside Door 62021)	<2 mR	<2 mR	40	60	9,500	1.00E-09	1.00E-10	4	6	6,000	30,000	10,500	2.19E-08	2.46E-07	4	6	6,000	30,000	11,500	2.19E-08	2.46E-07
'D' (Outside Door 62021)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' (Base of Ladder)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

12:30	2026 FUEL BUILDING Exposure in REM / HR				40 BACKGROUND			12:45	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			13:00	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Top of Stairway)	800	1,000	OFF SCALE	OFF SCALE	OFF SCALE	4.30E-04	4.91E-05	800	1,000	OFF SCALE	OFF SCALE	OFF SCALE	4.30E-04	4.91E-05	800	1,000	OFF SCALE	OFF SCALE	OFF SCALE	4.30E-04	4.91E-05
'B' (Bottom of Stairway)	36	50	48,000	306,000	20,500	2.68E-05	2.33E-06	40	60	60,000	306,000	28,000	2.19E-05	2.46E-06	40	60	60,000	306,000	35,500	2.19E-05	2.46E-06
SD-35	3,600	4,600	OFF SCALE	OFF SCALE	OFF SCALE	1.97E-03	2.21E-04	3,800	5,000	OFF SCALE	OFF SCALE	OFF SCALE	2.08E-03	2.33E-04	3,800	5,000	OFF SCALE	OFF SCALE	Smear	2.08E-03	2.33E-04
SD-36	3,600	4,600	OFF SCALE	OFF SCALE	OFF SCALE	1.97E-03	2.21E-04	3,800	5,000	OFF SCALE	OFF SCALE	OFF SCALE	2.08E-03	2.33E-04	3,800	5,000	OFF SCALE	OFF SCALE	OFF SCALE	2.08E-03	2.33E-04
'C' (Inside Door 62021)	1,800	2,400	OFF SCALE	OFF SCALE	OFF SCALE	9.87E-04	1.11E-04	4	6	6,000	30,000	OFF SCALE	2.19E-06	2.46E-07	4	6	6,000	30,000	OFF SCALE	2.19E-06	2.46E-07
'D' (Outside Door 62021)	1,000	1,400	OFF SCALE	OFF SCALE	OFF SCALE	5.48E-04	6.14E-05	<2 mR	<2 mR	40	60	OFF SCALE	1.80E-09	1.80E-10	<2 mR	<2 mR	40	60	OFF SCALE	1.80E-09	1.80E-10
'E' (Base of Ladder)	380	500	480,000	OFF SCALE	OFF SCALE	2.68E-04	2.33E-05	<2 mR	<2 mR	40	60	OFF SCALE	1.80E-09	1.80E-10	<2 mR	<2 mR	40	60	OFF SCALE	1.80E-09	1.80E-10

13:15	2026 FUEL BUILDING Exposure in REM / HR				40 BACKGROUND			13:30	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			13:45	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Top of Stairway)	800	1,000	OFF SCALE	OFF SCALE	OFF SCALE	4.30E-04	4.91E-05	800	1,000	OFF SCALE	OFF SCALE	OFF SCALE	4.30E-04	4.91E-05	800	1,000	OFF SCALE	OFF SCALE	OFF SCALE	4.30E-04	4.91E-05
'B' (Bottom of Stairway)	36	50	48,000	306,000	43,000	2.68E-05	2.33E-06	36	50	48,000	306,000	OFF SCALE	2.68E-05	2.33E-06	36	50	48,000	306,000	OFF SCALE	2.68E-05	2.33E-06
SD-35	3,600	4,600	OFF SCALE	OFF SCALE	OFF SCALE	1.97E-03	2.21E-04	3,800	5,000	OFF SCALE	OFF SCALE	OFF SCALE	2.08E-03	2.33E-04	3,600	4,600	OFF SCALE	OFF SCALE	Smear	1.97E-03	2.21E-04
SD-36	3,600	4,600	OFF SCALE	OFF SCALE	OFF SCALE	1.97E-03	2.21E-04	3,800	5,000	OFF SCALE	OFF SCALE	OFF SCALE	2.08E-03	2.33E-04	3,600	4,600	OFF SCALE	OFF SCALE	OFF SCALE	1.97E-03	2.21E-04
'C' (Inside Door 62021)	1,800	2,400	OFF SCALE	OFF SCALE	OFF SCALE	9.87E-04	1.11E-04	4	6	6,000	30,000	OFF SCALE	2.19E-06	2.46E-07	4	6	6,000	30,000	OFF SCALE	2.19E-06	2.46E-07
'D' (Outside Door 62021)	1,000	1,400	OFF SCALE	OFF SCALE	OFF SCALE	5.48E-04	6.14E-05	<2 mR	<2 mR	40	60	OFF SCALE	1.80E-09	1.80E-10	<2 mR	<2 mR	40	60	OFF SCALE	1.80E-09	1.80E-10
'E' (Base of Ladder)	380	500	480,000	OFF SCALE	OFF SCALE	2.68E-04	2.33E-05	<2 mR	<2 mR	40	60	OFF SCALE	1.80E-09	1.80E-10	<2 mR	<2 mR	40	60	OFF SCALE	1.80E-09	1.80E-10

14:00	2026 FUEL BUILDING Exposure in REM / HR				40 BACKGROUND		
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A' (Top of Stairway)	800	1,000	OFF SCALE	OFF SCALE	OFF SCALE	4.30E-04	4.91E-05
'B' (Bottom of Stairway)	36	45	46,000	280,000	OFF SCALE	1.97E-05	2.21E-06
SD-35	3,400	4,400	OFF SCALE	OFF SCALE	OFF SCALE	1.90E-03	2.09E-04
SD-36	3,400	4,400	OFF SCALE	OFF SCALE	OFF SCALE	1.90E-03	2.09E-04
'C' (Inside Door 62021)	1,800	2,400	OFF SCALE	OFF SCALE	OFF SCALE	9.87E-04	1.11E-04
'D' (Outside Door 62021)	800	1,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-04	4.91E-05
'E' (Base of Ladder)	340	440	440,000	OFF SCALE	OFF SCALE	1.90E-04	2.09E-05


A
DN
LADDER (UP)
E
* SD-35
B
UP
SD36
61013
62021
C
D
OPEN TO EL 2000'
EL. 2026'-0"

8:00	OFF-SCALE ON AN RO-2							8:15	OFF-SCALE ON AN RO-2 A							8:30	OFF-SCALE ON AN RO-2 A						
	2640' FUEL BUILDING Exposure in REM/HR				40' BACKGROUND							40' BACKGROUND								40' BACKGROUND			
AREA	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Outside Door 15071)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'B' (Inside Door 15071)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'C' (20' From Door 15071)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
SD-36	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'D' (10' From Door 63041)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'E' (Outside Door 63031)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'F' (Edge of Spent Fuel Pool)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
SD-37	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'G' (NE Corner of Pool)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'H' (SE Area of Building)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'I' (Outside Door 61014)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'J' (Inside Door 61014)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'K' (Top of Stairway)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10

8:45	OFF-SCALE ON AN RO-2							9:00	OFF-SCALE ON AN RO-2 A							9:15	OFF-SCALE ON AN RO-2 A						
	2640' FUEL BUILDING Exposure in REM/HR				40' BACKGROUND							40' BACKGROUND								40' BACKGROUND			
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Outside Door 15071)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'B' (Inside Door 15071)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'C' (20' From Door 15071)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
SD-36	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'D' (10' From Door 63041)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'E' (Outside Door 63031)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'F' (Edge of Spent Fuel Pool)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
SD-37	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'G' (NE Corner of Pool)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'H' (SE Area of Building)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'I' (Outside Door 61014)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'J' (Inside Door 61014)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'K' (Top of Stairway)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10

9:30	OFF-SCALE ON AN RO-2							9:45	OFF-SCALE ON AN RO-2 A							10:00	OFF-SCALE ON AN RO-2 A						
	2640' FUEL BUILDING Exposure in REM/HR				40' BACKGROUND							40' BACKGROUND								40' BACKGROUND			
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Outside Door 15071)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'B' (Inside Door 15071)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'C' (20' From Door 15071)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
SD-36	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'D' (10' From Door 63041)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'E' (Outside Door 63031)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'F' (Edge of Spent Fuel Pool)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
SD-37	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'G' (NE Corner of Pool)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'H' (SE Area of Building)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'I' (Outside Door 61014)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'J' (Inside Door 61014)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10
'K' (Top of Stairway)	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	50	40	1.00E-09	1.00E-10

C00

OFF-SCALE ON AN RO-2

10:15	2047' FUEL BUILDING Exposure in REM/HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A								
	Gam mr/ Hr	G/B mr/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part	Gam mr/ Hr	G/B mr/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part	10:45 Gam mr/ Hr	G/B mr/ Hr	Iodine	Part	40 BACKGROUND Smear CPM/ 100cm^2	Iodine	Part
ZONE	Hr	Hr	CPM	CPM				Hr	Hr	CPM	CPM				Hr	Hr	CPM	CPM			
'A' (Outside Door 15071)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Inside Door 15071)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (20' From Door 15071)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-36	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (10' From Door 63941)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' (Outside Door 63931)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Edge of Spent Fuel Pool)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-37	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (NE Corner of Pool)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (SE Area of Building)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (Outside Door 61814)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Inside Door 61814)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' (Top of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2

11:00	2047' FUEL BUILDING Exposure in REM/HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A								
	Gam mr/ Hr	G/B mr/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part	Gam mr/ Hr	G/B mr/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part	11:30 Gam mr/ Hr	G/B mr/ Hr	Iodine	Part	40 BACKGROUND Smear CPM/ 100cm^2	Iodine	Part
ZONE	Hr	Hr	CPM	CPM				Hr	Hr	CPM	CPM				Hr	Hr	CPM	CPM			
'A' (Outside Door 15071)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B' (Inside Door 15071)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C' (20' From Door 15071)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-36	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'D' (10' From Door 63941)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'E' (Outside Door 63931)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'F' (Edge of Spent Fuel Pool)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
SD-37	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'G' (NE Corner of Pool)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'H' (SE Area of Building)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'I' (Outside Door 61814)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'J' (Inside Door 61814)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'K' (Top of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

OFF-SCALE ON AN RO-2

11:45	2047' FUEL BUILDING Exposure in REM/HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A								
	Gam mr/ Hr	G/B mr/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part	Gam mr/ Hr	G/B mr/ Hr	Iodine	Part	Smear CPM/ 100cm^2	Iodine	Part	12:15 Gam mr/ Hr	G/B mr/ Hr	Iodine	Part	40 BACKGROUND Smear CPM/ 100cm^2	Iodine	Part
ZONE	Hr	Hr	CPM	CPM				Hr	Hr	CPM	CPM				Hr	Hr	CPM	CPM			
'A' (Outside Door 15071)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	98,000	110,000	OFF SCALE	OFF SCALE	OFF SCALE	4.90E-02	5.53E-03
'B' (Inside Door 15071)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	188,000	234,000	OFF SCALE	OFF SCALE	OFF SCALE	9.97E-02	1.11E-02
'C' (20' From Door 15071)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	898,000	1,168,000	OFF SCALE	OFF SCALE	OFF SCALE	4.92E-01	5.91E-02
SD-36	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	748,000	972,000	OFF SCALE	OFF SCALE	OFF SCALE	4.19E-01	4.95E-02
'D' (10' From Door 63941)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	52,000	68,000	OFF SCALE	OFF SCALE	OFF SCALE	2.85E-02	3.19E-03
'E' (Outside Door 63931)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	26,000	34,000	OFF SCALE	OFF SCALE	OFF SCALE	1.43E-02	1.69E-03
'F' (Edge of Spent Fuel Pool)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	898,000	1,168,000	OFF SCALE	OFF SCALE	OFF SCALE	4.92E-01	5.91E-02
SD-37	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	748,000	972,000	OFF SCALE	OFF SCALE	OFF SCALE	4.19E-01	4.95E-02
'G' (NE Corner of Pool)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	898,000	1,164,000	OFF SCALE	OFF SCALE	OFF SCALE	4.91E-01	5.90E-02
'H' (SE Area of Building)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	44,000	58,000	OFF SCALE	OFF SCALE	OFF SCALE	2.41E-02	2.70E-03
'I' (Outside Door 61814)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'J' (Inside Door 61814)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	3,000	4,000	OFF SCALE	OFF SCALE	OFF SCALE	1.97E-03	2.21E-04
'K' (Top of Stairway)	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	2	2	2,600	16,000	40	1.10E-06	1.23E-07	350	500	400,000	OFF SCALE	OFF SCALE	2.06E-04	2.33E-05

OFF-SCALE ON AN RO-2

12:30	2647' FUEL BUILDING Exposure in REM/HR				48 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Outside Door 15871)	162,000	132,000	OFF SCALE	OFF SCALE	OFF SCALE	5.69E-02	6.28E-02
'B' (Inside Door 15871)	295,000	353,000	OFF SCALE	OFF SCALE	OFF SCALE	1.13E-01	1.26E-02
'C' (20' From Door 15871)	1,026,000	1,334,000	OFF SCALE	OFF SCALE	OFF SCALE	5.62E-01	6.39E-02
SD-38	850,000	1,105,000	OFF SCALE	OFF SCALE	OFF SCALE	4.66E-01	5.22E-02
'D' (16' From Door 63041)	68,000	78,000	OFF SCALE	OFF SCALE	OFF SCALE	3.38E-02	3.68E-03
'E' (Outside Door 63031)	30,000	40,000	OFF SCALE	OFF SCALE	OFF SCALE	1.64E-02	1.84E-03
'F' (Edge of Spent Fuel Pool)	1,032,000	1,328,000	OFF SCALE	OFF SCALE	OFF SCALE	5.66E-01	6.37E-02
SD-37	850,000	1,105,000	OFF SCALE	OFF SCALE	OFF SCALE	4.66E-01	5.22E-02
'G' (NE Corner of Pool)	1,020,000	1,326,000	OFF SCALE	OFF SCALE	OFF SCALE	5.59E-01	6.26E-02
'H' (SE Area of Building)	52,000	68,000	OFF SCALE	OFF SCALE	OFF SCALE	2.86E-02	3.19E-03
'I' (Outside Door 61014)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'J' (Inside Door 61014)	4,000	5,000	OFF SCALE	OFF SCALE	OFF SCALE	2.19E-03	2.46E-04
'K' (Top of Stairway)	440	600	OFF SCALE	OFF SCALE	OFF SCALE	2.41E-04	2.70E-05

OFF-SCALE ON AN RO-2 A

12:45					48 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Outside Door 15871)	110,000	144,000	OFF SCALE	OFF SCALE	OFF SCALE	6.63E-02	6.75E-02
'B' (Inside Door 15871)	216,000	284,000	OFF SCALE	OFF SCALE	OFF SCALE	1.29E-01	1.34E-02
'C' (20' From Door 15871)	1,002,000	1,430,000	OFF SCALE	OFF SCALE	OFF SCALE	5.88E-01	6.76E-02
SD-38	908,000	1,190,000	OFF SCALE	OFF SCALE	OFF SCALE	4.96E-01	5.57E-02
'D' (16' From Door 63041)	64,000	84,000	OFF SCALE	OFF SCALE	OFF SCALE	3.51E-02	3.83E-03
'E' (Outside Door 63031)	32,000	42,000	OFF SCALE	OFF SCALE	OFF SCALE	1.75E-02	1.96E-03
'F' (Edge of Spent Fuel Pool)	1,002,000	1,430,000	OFF SCALE	OFF SCALE	OFF SCALE	5.88E-01	6.76E-02
SD-37	908,000	1,190,000	OFF SCALE	OFF SCALE	OFF SCALE	4.96E-01	5.57E-02
'G' (NE Corner of Pool)	1,000,000	1,410,000	OFF SCALE	OFF SCALE	OFF SCALE	5.88E-01	6.66E-02
'H' (SE Area of Building)	54,000	70,000	OFF SCALE	OFF SCALE	OFF SCALE	2.96E-02	3.32E-03
'I' (Outside Door 61014)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'J' (Inside Door 61014)	4,400	6,000	OFF SCALE	OFF SCALE	OFF SCALE	2.41E-03	2.70E-04
'K' (Top of Stairway)	480	600	OFF SCALE	OFF SCALE	OFF SCALE	2.63E-04	2.95E-05

OFF-SCALE ON AN RO-2 A

13:00					48 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Outside Door 15871)	114,000	148,000	OFF SCALE	OFF SCALE	OFF SCALE	6.28E-02	7.00E-02
'B' (Inside Door 15871)	228,000	294,000	OFF SCALE	OFF SCALE	OFF SCALE	1.24E-01	1.39E-02
'C' (20' From Door 15871)	1,134,000	1,474,000	OFF SCALE	OFF SCALE	OFF SCALE	6.32E-01	6.94E-02
SD-38	944,000	1,228,000	OFF SCALE	OFF SCALE	OFF SCALE	5.17E-01	5.80E-02
'D' (16' From Door 63041)	66,000	86,000	OFF SCALE	OFF SCALE	OFF SCALE	3.63E-02	4.06E-03
'E' (Outside Door 63031)	34,000	44,000	OFF SCALE	OFF SCALE	OFF SCALE	1.86E-02	2.08E-03
'F' (Edge of Spent Fuel Pool)	1,134,000	1,474,000	OFF SCALE	OFF SCALE	OFF SCALE	6.32E-01	6.94E-02
SD-37	944,000	1,228,000	OFF SCALE	OFF SCALE	OFF SCALE	5.17E-01	5.80E-02
'G' (NE Corner of Pool)	1,132,000	1,472,000	OFF SCALE	OFF SCALE	OFF SCALE	6.21E-01	6.85E-02
'H' (SE Area of Building)	56,000	72,000	OFF SCALE	OFF SCALE	OFF SCALE	3.07E-02	3.44E-03
'I' (Outside Door 61014)	8,800	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'J' (Inside Door 61014)	4,400	6,000	OFF SCALE	OFF SCALE	OFF SCALE	2.41E-03	2.70E-04
'K' (Top of Stairway)	500	600	OFF SCALE	OFF SCALE	OFF SCALE	2.74E-04	3.07E-05

OFF-SCALE ON AN RO-2

13:15	2647' FUEL BUILDING Exposure in REM/HR				48 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Outside Door 15871)	110,000	150,000	OFF SCALE	OFF SCALE	OFF SCALE	6.39E-02	7.12E-02
'B' (Inside Door 15871)	232,000	302,000	OFF SCALE	OFF SCALE	OFF SCALE	1.27E-01	1.42E-02
'C' (20' From Door 15871)	1,150,000	1,506,000	OFF SCALE	OFF SCALE	OFF SCALE	6.39E-01	7.11E-02
SD-38	960,000	1,248,000	OFF SCALE	OFF SCALE	OFF SCALE	5.26E-01	5.89E-02
'D' (16' From Door 63041)	68,000	88,000	OFF SCALE	OFF SCALE	OFF SCALE	3.73E-02	4.17E-03
'E' (Outside Door 63031)	34,000	44,000	OFF SCALE	OFF SCALE	OFF SCALE	1.86E-02	2.08E-03
'F' (Edge of Spent Fuel Pool)	1,156,000	1,502,000	OFF SCALE	OFF SCALE	OFF SCALE	6.34E-01	7.14E-02
SD-37	960,000	1,248,000	OFF SCALE	OFF SCALE	OFF SCALE	5.26E-01	5.89E-02
'G' (NE Corner of Pool)	1,152,000	1,498,000	OFF SCALE	OFF SCALE	OFF SCALE	6.32E-01	7.07E-02
'H' (SE Area of Building)	58,000	76,000	OFF SCALE	OFF SCALE	OFF SCALE	3.18E-02	3.56E-03
'I' (Outside Door 61014)	10,000	14,000	OFF SCALE	OFF SCALE	OFF SCALE	5.48E-03	6.14E-04
'J' (Inside Door 61014)	4,800	6,000	OFF SCALE	OFF SCALE	OFF SCALE	2.63E-03	2.82E-04
'K' (Top of Stairway)	520	600	OFF SCALE	OFF SCALE	OFF SCALE	2.74E-04	3.07E-05

OFF-SCALE ON AN RO-2 A

13:30					48 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Outside Door 15871)	110,000	144,000	OFF SCALE	OFF SCALE	OFF SCALE	6.63E-02	6.75E-02
'B' (Inside Door 15871)	222,000	288,000	OFF SCALE	OFF SCALE	OFF SCALE	1.22E-01	1.36E-02
'C' (20' From Door 15871)	1,110,000	1,444,000	OFF SCALE	OFF SCALE	OFF SCALE	6.08E-01	6.81E-02
SD-38	924,000	1,202,000	OFF SCALE	OFF SCALE	OFF SCALE	5.07E-01	5.67E-02
'D' (16' From Door 63041)	66,000	86,000	OFF SCALE	OFF SCALE	OFF SCALE	3.63E-02	4.06E-03
'E' (Outside Door 63031)	32,000	42,000	OFF SCALE	OFF SCALE	OFF SCALE	1.75E-02	1.96E-03
'F' (Edge of Spent Fuel Pool)	1,108,000	1,440,000	OFF SCALE	OFF SCALE	OFF SCALE	6.07E-01	6.80E-02
SD-37	924,000	1,202,000	OFF SCALE	OFF SCALE	OFF SCALE	5.07E-01	5.67E-02
'G' (NE Corner of Pool)	1,108,000	1,440,000	OFF SCALE	OFF SCALE	OFF SCALE	6.07E-01	6.80E-02
'H' (SE Area of Building)	56,000	72,000	OFF SCALE	OFF SCALE	OFF SCALE	3.07E-02	3.44E-03
'I' (Outside Door 61014)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'J' (Inside Door 61014)	4,400	6,000	OFF SCALE	OFF SCALE	OFF SCALE	2.41E-03	2.70E-04
'K' (Top of Stairway)	480	600	OFF SCALE	OFF SCALE	OFF SCALE	2.63E-04	2.95E-05

OFF-SCALE ON AN RO-2 A

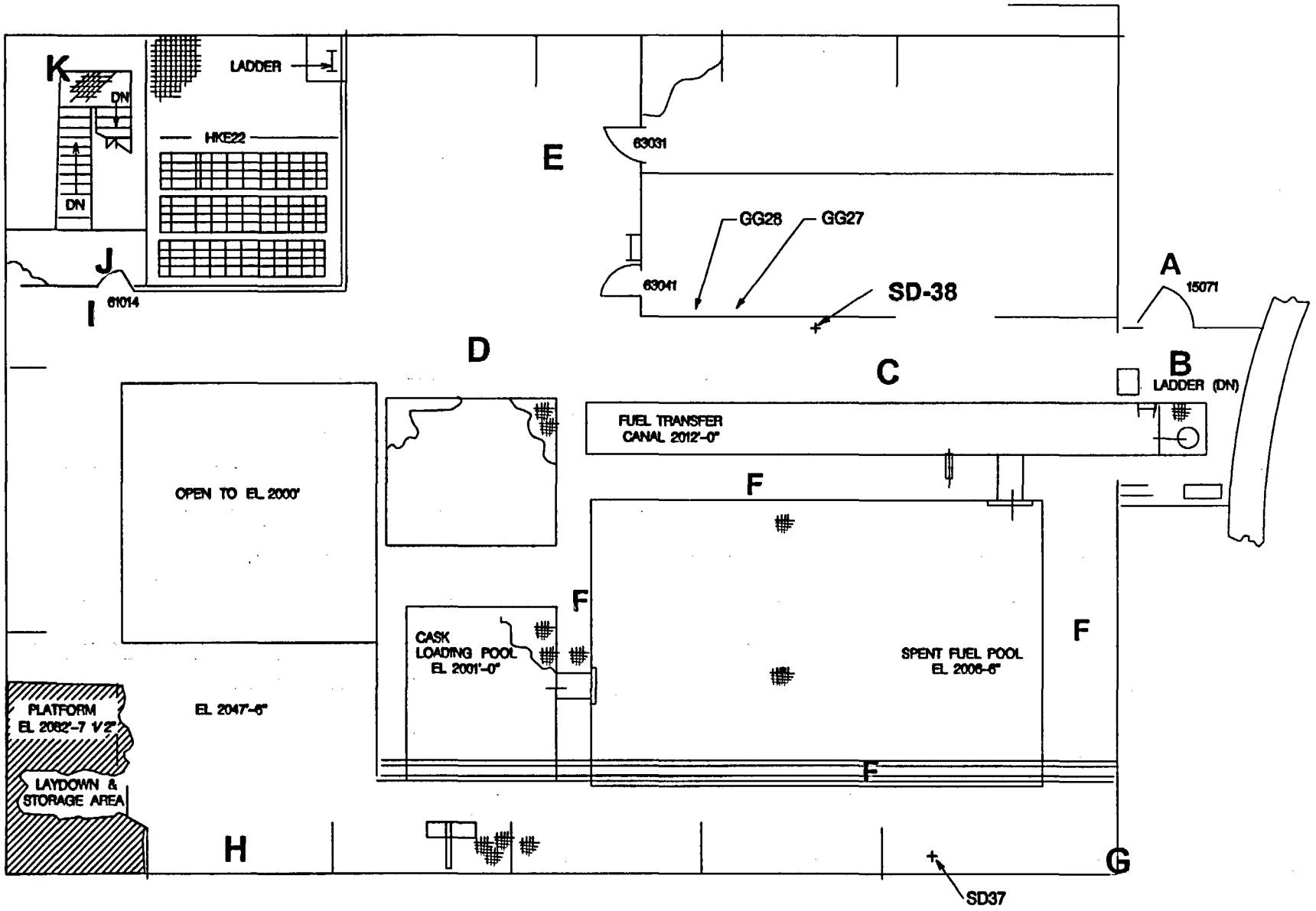
13:45					48 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Outside Door 15871)	112,000	146,000	OFF SCALE	OFF SCALE	OFF SCALE	6.14E-02	6.86E-02
'B' (Inside Door 15871)	224,000	292,000	OFF SCALE	OFF SCALE	OFF SCALE	1.23E-01	1.38E-02
'C' (20' From Door 15871)	1,122,000	1,458,000	OFF SCALE	OFF SCALE	OFF SCALE	6.15E-01	6.88E-02
SD-38	934,000	1,214,000	OFF SCALE	OFF SCALE	OFF SCALE	5.12E-01	5.73E-02
'D' (16' From Door 63041)	66,000	86,000	OFF SCALE	OFF SCALE	OFF SCALE	3.63E-02	4.05E-03
'E' (Outside Door 63031)	34,000	44,000	OFF SCALE	OFF SCALE	OFF SCALE	1.86E-02	2.08E-03
'F' (Edge of Spent Fuel Pool)	1,122,000	1,458,000	OFF SCALE	OFF SCALE	OFF SCALE	6.15E-01	6.88E-02
SD-37	934,000	1,214,000	OFF SCALE	OFF SCALE	OFF SCALE	5.12E-01	5.73E-02
'G' (NE Corner of Pool)	1,122,000	1,458,000	OFF SCALE	OFF SCALE	OFF SCALE	6.12E-01	6.85E-02
'H' (SE Area of Building)	56,000	72,000	OFF SCALE	OFF SCALE	OFF SCALE	3.07E-02	3.44E-03
'I' (Outside Door 61014)	8,800	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'J' (Inside Door 61014)	4,400	6,000	OFF SCALE	OFF SCALE	OFF SCALE	2.41E-03	2.70E-04
'K' (Top of Stairway)	480	600	OFF SCALE	OFF SCALE	OFF SCALE	2.63E-04	2.95E-05

OFF-SCALE ON AN RO-2

14:00 Until End of Drill	2647' FUEL BUILDING Exposure in REM/HR				48 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A' (Outside Door 15871)	100,000	140,000	OFF SCALE	OFF SCALE	OFF SCALE	5.82E-02	6.43E-02
'B' (Inside Door 15871)	216,000	280,000	OFF SCALE	OFF SCALE	OFF SCALE	1.18E-01	1.33E-02
'C' (20' From Door 15871)	1,008,000	1,404,000	OFF SCALE	OFF SCALE	OFF SCALE	5.92E-01	6.63E-02
SD-38	856,000	1,164,000	OFF SCALE	OFF SCALE	OFF SCALE	4.91E-01	5.56E-02
'D' (16' From Door 63041)	64,000	84,000	OFF SCALE	OFF SCALE	OFF SCALE	3.51E-02	3.83E-03
'E' (Outside Door 63031)	32,000	42,000	OFF SCALE	OFF SCALE	OFF SCALE	1.75E-02	1.96E-03
'F' (Edge of Spent Fuel Pool)	1,078,000	1,402,000	OFF SCALE	OFF SCALE	OFF SCALE	5.91E-01	6.62E-02
SD-37	856,000	1,164,000	OFF SCALE	OFF SCALE	OFF SCALE	4.91E-01	5.56E-02
'G' (NE Corner of Pool)	1,074,000	1,396,000	OFF SCALE	OFF SCALE	OFF SCALE	5.86E-01	6.56E-02
'H' (SE Area of Building)	54,000	70,000	OFF SCALE	OFF SCALE	OFF SCALE	2.96E-02	3.32E-03
'I' (Outside Door 61014)	8,000	10,000	OFF SCALE	OFF SCALE	OFF SCALE	4.39E-03	4.91E-04
'J' (Inside Door 61014)	4,200	6,000	OFF SCALE	OFF SCALE	OFF SCALE	2.36E-03	2.58E-04
'K' (Top of Stairway)	460	600	OFF SCALE	OFF SCALE	OFF SCALE	2.52E-04	2.82E-05

OFF-SCALE ON AN RO-2 A

OFF-SCALE ON AN RO-2 A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LADDER (DN)
FUEL TRANSFER
CANAL 2012'-0"
OPEN TO EL 2000'
F
F
CASK
LOADING POOL
EL 2001'-0"
SPENT FUEL POOL
EL 2006-6"
F
PLATFORM
EL 2082'-7 1/2"
EL 2047'-6"
LAYDOWN &
STORAGE AREA
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G
SD37

9:00	1963 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 9:15				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 9:30				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

9:45	1963 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 9:00				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 9:15				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

9:30	1963 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 9:45				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 10:00				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

10:15	1963 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 10:30				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 10:45				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

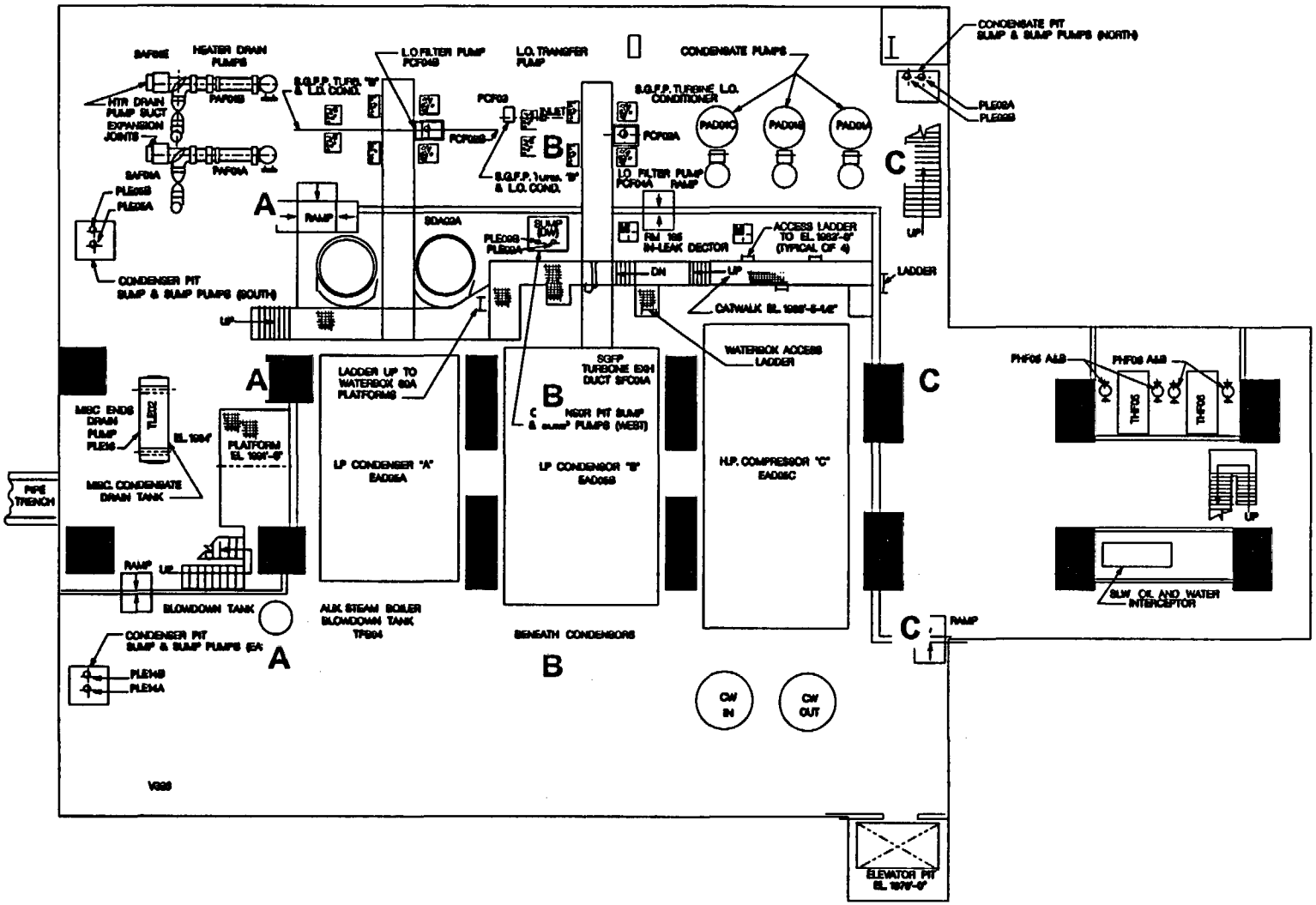
11:00	1963 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 11:15				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 11:30				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

11:45	1983 TS	Exposure in REM / HR																		
	Gam	G / B	Iodine	Part	Smear															
	Mr /	Mr /			CPM /															
ZONE	Hr	Hr	CPM	CPM	100cm^2	Iodine	Part	Hr	Hr	CPM	CPM	100cm^2	Iodine	Part	Hr	Hr	CPM	CPM	100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10
'B'	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10
'C'	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10

12:30	1983 TS	Exposure in REM / HR																		
	Gam	G / B	Iodine	Part	Smear															
	Mr /	Mr /			CPM /															
ZONE	Hr	Hr	CPM	CPM	100cm^2	Iodine	Part	Hr	Hr	CPM	CPM	100cm^2	Iodine	Part	Hr	Hr	CPM	CPM	100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10
'B'	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10
'C'	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10

13:15	1983 TS	Exposure in REM / HR																		
	Gam	G / B	Iodine	Part	Smear															
	Mr /	Mr /			CPM /															
ZONE	Hr	Hr	CPM	CPM	100cm^2	Iodine	Part	Hr	Hr	CPM	CPM	100cm^2	Iodine	Part	Hr	Hr	CPM	CPM	100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10
'B'	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10
'C'	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10

14:00	1983 TS	Exposure in REM / HR																		
Until End of Drill	Gam	G / B	Iodine	Part	Smear															
	Mr /	Mr /			CPM /															
ZONE	Hr	Hr	CPM	CPM	100cm^2	Iodine	Part	Hr	Hr	CPM	CPM	100cm^2	Iodine	Part	Hr	Hr	CPM	CPM	100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10													
'B'	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10													
'C'	<2 mR	<2 mR	40	60	40	1.90E-09	1.90E-10													



Turbine Building
Elevation 1983'

12

[12] Except as indicated, all radiation levels are as indicated by actual meter readings.

9:00	OFF-SCALE ON AN RO-2	2000 TB Exposure In REM / HR			40	BACKGROUND		9:15	OFF-SCALE ON AN RO-2 A				40	BACKGROUND		9:30	OFF-SCALE ON AN RO-2 A				40	BACKGROUND	
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
A	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
B	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
C	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

9:45	OFF-SCALE ON AN RO-2	2000 TB Exposure In REM / HR			40	BACKGROUND		9:00	OFF-SCALE ON AN RO-2 A				40	BACKGROUND		9:15	OFF-SCALE ON AN RO-2 A				40	BACKGROUND	
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
A	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
B	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
C	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

9:30	OFF-SCALE ON AN RO-2	2000 TB Exposure In REM / HR			40	BACKGROUND		9:45	OFF-SCALE ON AN RO-2 A				40	BACKGROUND		10:00	OFF-SCALE ON AN RO-2 A				40	BACKGROUND	
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
A	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
B	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
C	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

10:15	OFF-SCALE ON AN RO-2	2000 TB Exposure In REM / HR			40	BACKGROUND		10:30	OFF-SCALE ON AN RO-2 A				40	BACKGROUND		10:45	OFF-SCALE ON AN RO-2 A				40	BACKGROUND	
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
A	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
B	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
C	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

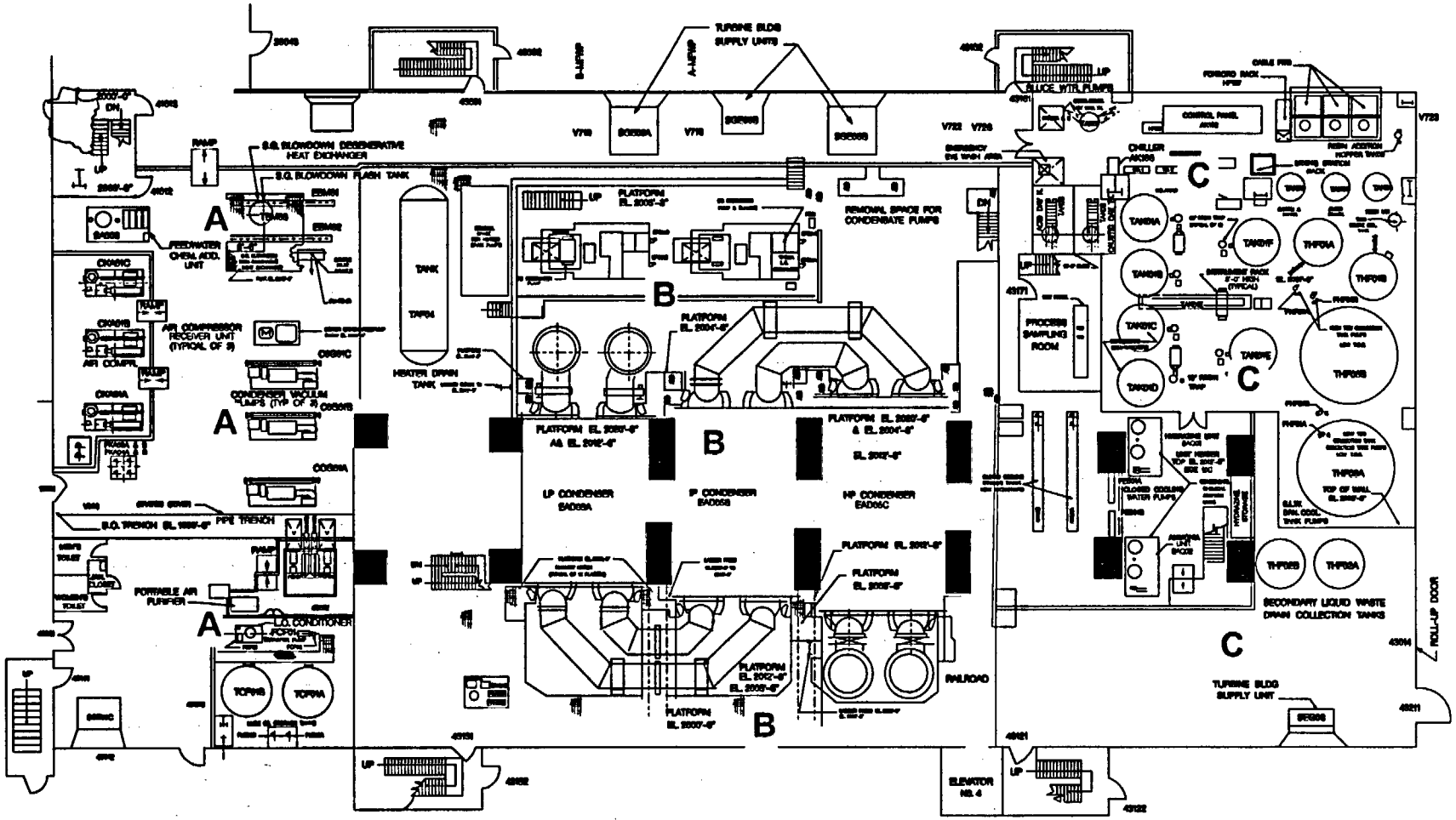
11:00	OFF-SCALE ON AN RO-2	2000 TB Exposure In REM / HR			40	BACKGROUND		11:15	OFF-SCALE ON AN RO-2 A				40	BACKGROUND		11:30	OFF-SCALE ON AN RO-2 A				40	BACKGROUND	
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
A	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
B	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
C	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

11:45	2000 TB Exposure in REM / HR				40 BACKGROUND			12:00	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			12:15	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

12:30	2000 TB Exposure in REM / HR				40 BACKGROUND			12:45	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			13:00	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

13:15	2000 TB Exposure in REM / HR				40 BACKGROUND			13:30	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			13:45	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

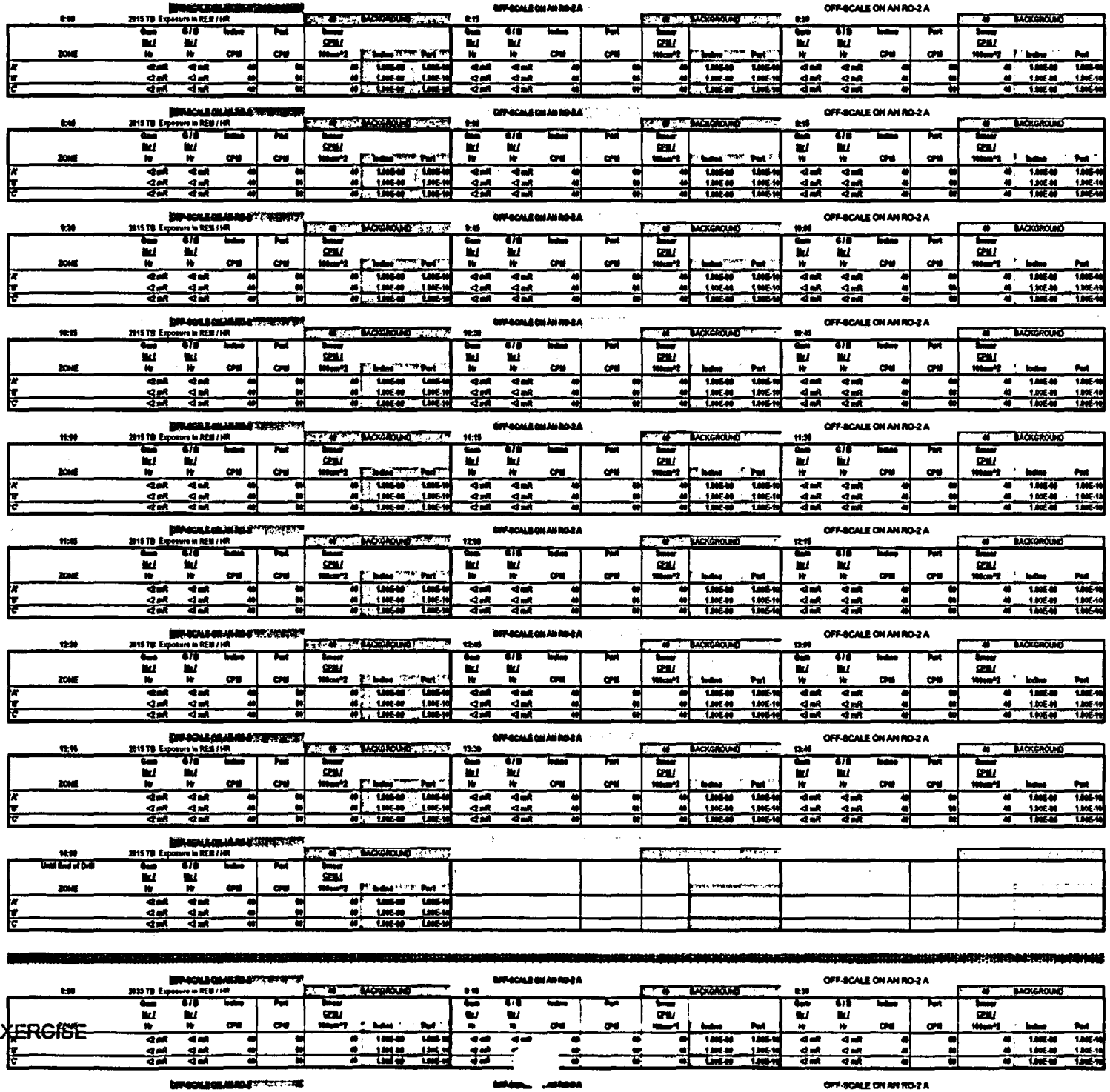
14:00	2000 TB Exposure in REM / HR				40 BACKGROUND		
Until End of Drill							
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10



Turbine Building
Elevation 2000'

[13]

[13] Except as indicated, all radiation levels are as indicated by actual meter readings.

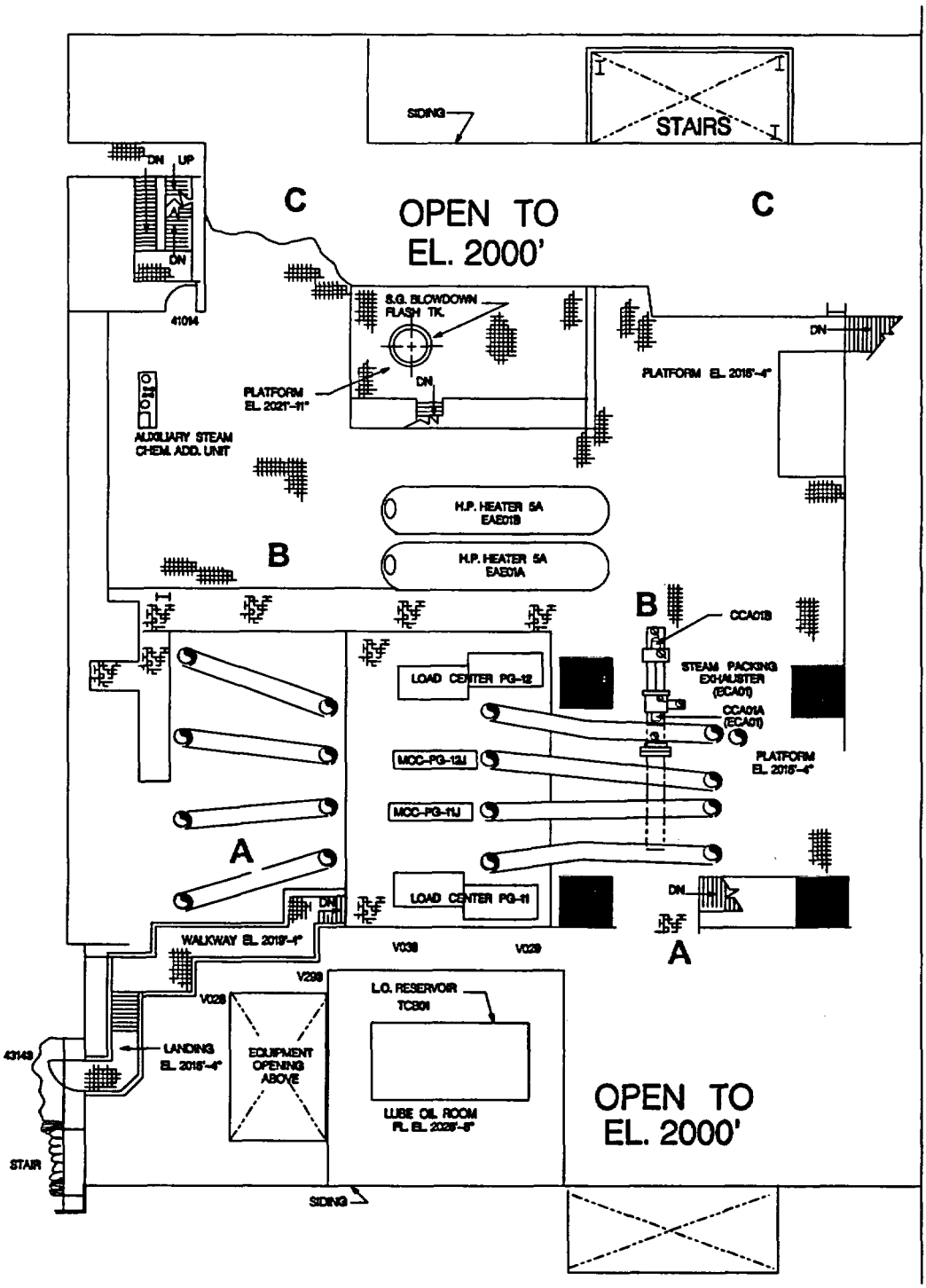


11:45	OFF-SCALE ON AN RO-2 A 2015 TB Exposure In REM / HR				40 BACKGROUND			12:00	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			12:15	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

12:30	OFF-SCALE ON AN RO-2 2015 TB Exposure In REM / HR				40 BACKGROUND			12:45	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			13:00	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

13:15	OFF-SCALE ON AN RO-2 2015 TB Exposure In REM / HR				40 BACKGROUND			13:30	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			13:45	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

14:00	OFF-SCALE ON AN RO-2 2015 TB Exposure In REM / HR				40 BACKGROUND		
Until End of Drill ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10



Turbine Building
Elevation 2015'

[14]

[14] Except as indicated, all radiation levels are as indicated by actual meter readings.

9:00	OFF-SCALE ON AN RO-2				40 BACKGROUND			9:15	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			9:30	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
	2933 TB Exposure in REM / HR																						
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

9:45	OFF-SCALE ON AN RO-2				40 BACKGROUND			9:00	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			9:15	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
	2933 TB Exposure in REM / HR																						
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

9:30	OFF-SCALE ON AN RO-2				40 BACKGROUND			9:45	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			10:00	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
	2933 TB Exposure in REM / HR																						
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

10:15	OFF-SCALE ON AN RO-2				40 BACKGROUND			10:30	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			10:45	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
	2933 TB Exposure in REM / HR																						
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

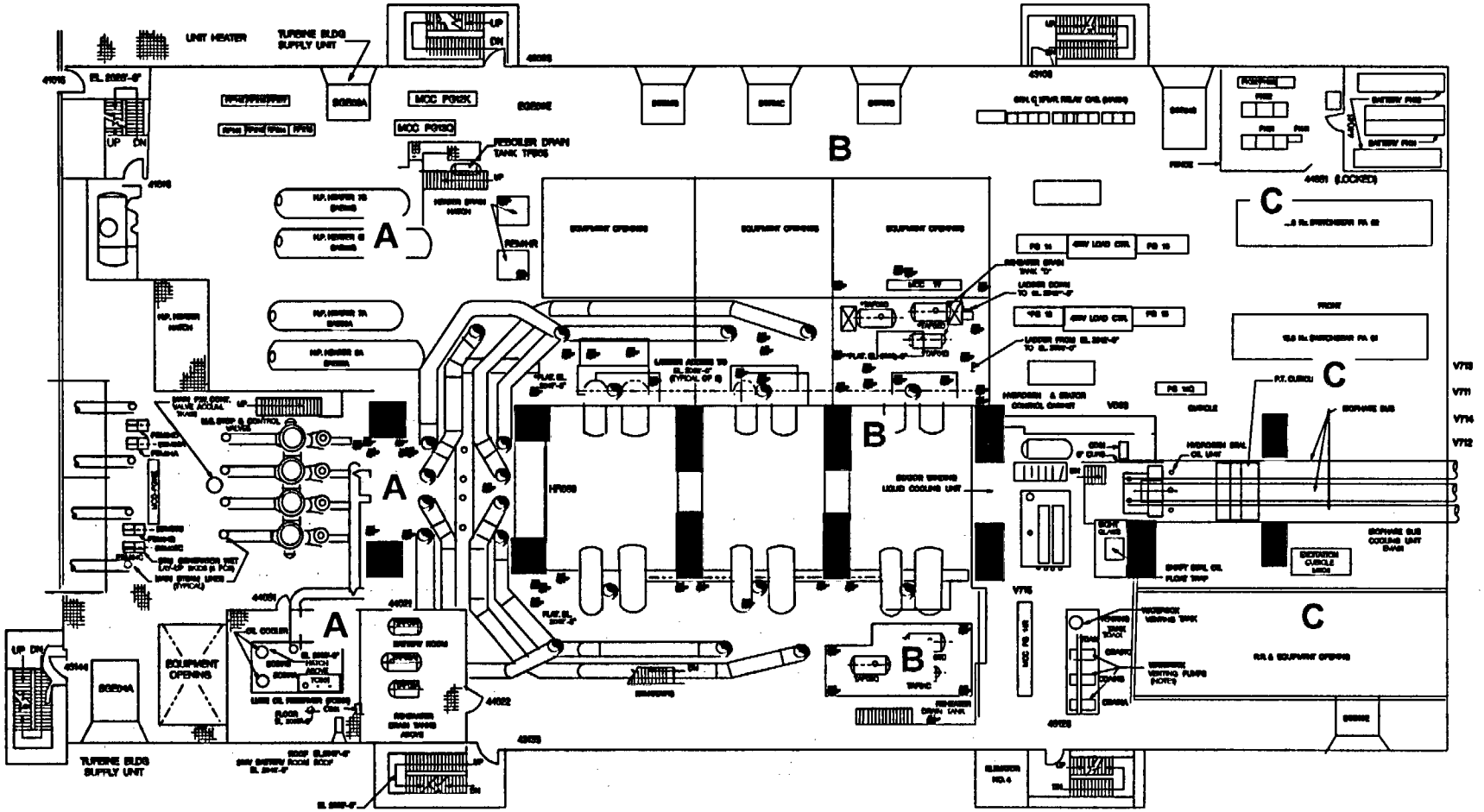
11:00	OFF-SCALE ON AN RO-2				40 BACKGROUND			11:15	OFF-SCALE ON AN RO-2 A				40 BACKGROUND			11:30	OFF-SCALE ON AN RO-2 A				40 BACKGROUND		
	2933 TB Exposure in REM / HR																						
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

11:45	2033 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 12:00				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 12:15				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

12:30	2033 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 12:45				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 13:00				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

13:15	2033 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 13:30				40 BACKGROUND			OFF-SCALE ON AN RO-2 A 13:45				40 BACKGROUND		
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

14:00	2033 TB Exposure in REM / HR				40 BACKGROUND		
Until End of Drill							
ZONE	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10



Turbine Building
Elevation 2033'

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[15] Except as indicated, all radiation levels are as indicated by actual meter readings.

8:00	2065 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A									
	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	8:15									
								Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	40 BACKGROUND Smear CPM/ 100cm^2	Iodine	Part			
ZONE															8:30		
															Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40

8:45	2065 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A									
	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	9:00									
								Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	40 BACKGROUND Smear CPM/ 100cm^2	Iodine	Part			
ZONE															9:15		
															Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40

9:30	2065 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A									
	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	9:45									
								Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	40 BACKGROUND Smear CPM/ 100cm^2	Iodine	Part			
ZONE															10:00		
															Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40

10:15	2065 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A									
	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	10:30									
								Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	40 BACKGROUND Smear CPM/ 100cm^2	Iodine	Part			
ZONE															10:45		
															Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40

11:00	2065 TB Exposure in REM / HR				40 BACKGROUND			OFF-SCALE ON AN RO-2 A									
	Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	Smear CPM/ 100cm^2	Iodine	Part	11:15									
								Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM	Part CPM	40 BACKGROUND Smear CPM/ 100cm^2	Iodine	Part			
ZONE															11:30		
															Gam Mr/ Hr	G/B Mr/ Hr	Iodine CPM
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40

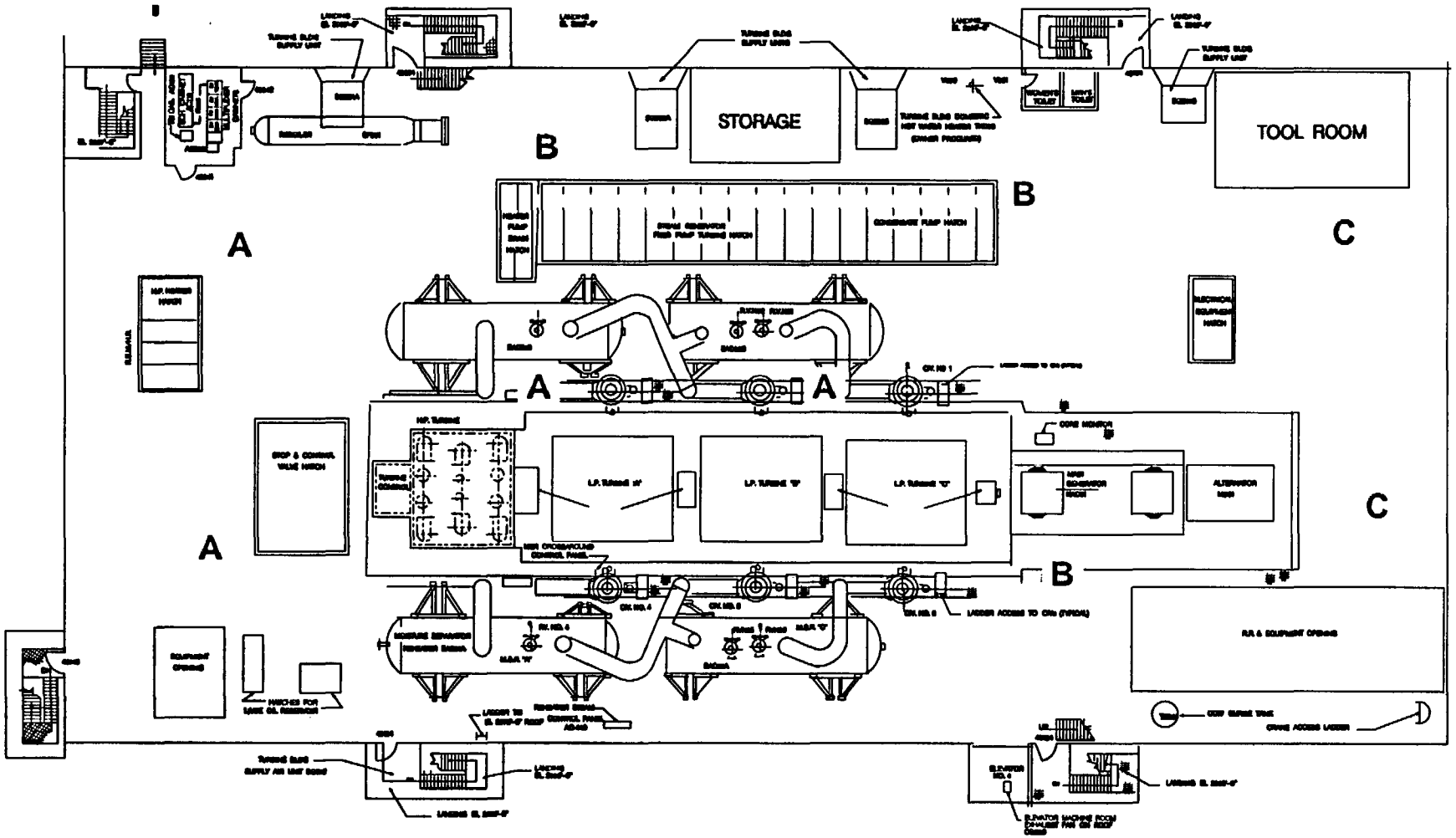
11:45	OFF-SCALE ON AN RO-2	2065 TB Exposure in REM / HR			40	BACKGROUND		12:00	OFF-SCALE ON AN RO-2 A				40	BACKGROUND		12:15	OFF-SCALE ON AN RO-2 A				40	BACKGROUND	
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

12:30	OFF-SCALE ON AN RO-2	2065 TB Exposure in REM / HR			40	BACKGROUND		12:45	OFF-SCALE ON AN RO-2 A				40	BACKGROUND		13:00	OFF-SCALE ON AN RO-2 A				40	BACKGROUND	
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

13:15	OFF-SCALE ON AN RO-2	2065 TB Exposure in REM / HR			40	BACKGROUND		13:30	OFF-SCALE ON AN RO-2 A				40	BACKGROUND		13:45	OFF-SCALE ON AN RO-2 A				40	BACKGROUND	
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

14:00	OFF-SCALE ON AN RO-2	2065 TB Exposure in REM / HR			40	BACKGROUND	
Until End of Drill							
ZONE	Gam Mr / Hr	G / B Mr / Hr	Iodine CPM	Part CPM	Smear CPM / 100cm^2	Iodine	Part
'A'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'B'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10
'C'	<2 mR	<2 mR	40	60	40	1.00E-09	1.00E-10

C22



Turbine Building
Elevation 2065'

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[16] Except as indicated, all radiation levels are as indicated by actual meter readings.

CONTROL ROOM HABITABILITY RESULTS								
TIME	BACKGROUND NET COUNTS PER MINUTE	PARTICULATE GROSS COUNTS PER MINUTE	IODINE GROSS COUNTS PER MINUTE	PARTICULATE NET COUNTS PER MINUTE	uCi/cc	IODINE NET COUNTS PER MINUTE	uCi/cc	DOSE RATE mR/Hr
8:00	25	50	26	25	1.99E-10	1	4.31E-10	<0.2
8:30	25	50	26	25	1.99E-10	1	4.31E-10	<0.2
9:00	25	50	26	25	1.99E-10	1	4.31E-10	<0.2
9:30	30	55	31	30	2.39E-10	1	4.31E-10	<0.2
10:00	30	55	31	30	2.39E-10	1	4.31E-10	<0.2
10:30	35	60	36	35	2.78E-10	1	4.31E-10	<0.2
11:00	35	60	36	35	2.78E-10	1	4.31E-10	<0.2
11:30	40	65	41	40	3.18E-10	1	4.31E-10	<0.2
12:00	40	65	41	40	3.18E-10	1	4.31E-10	<0.2
12:30	40	65	41	40	3.18E-10	1	4.31E-10	<0.2
13:00	40	65	41	40	3.18E-10	1	4.31E-10	<0.2
13:30	45	70	46	45	3.58E-10	1	4.31E-10	<0.2
14:00	40	65	41	40	3.18E-10	1	4.31E-10	<0.2
14:30	40	65	41	40	3.18E-10	1	4.31E-10	<0.2
15:00	40	65	41	40	3.18E-10	1	4.31E-10	<0.2

TSC HABITABILITY RESULTS
(inside of TSC entrance door)

TIME	RO-2 OPEN mREM/Hr	RO-2 DOSE RATE mR / Hr	BETA mREM/Hr	PIC DOSE (mR)	FRISKER BKGD (CPM)	SHIELDED FRISKER BKGD (CPM)	PARTICULATE GROSS CPM	PARTICULATE NET CPM	PART uCi/cc	IODINE GROSS CPM	I-2 NET CPM	I-2 uCi/cc	DAC-HRS
7:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
8:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
8:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
8:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
9:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
9:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
9:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
9:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
10:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
10:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
10:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
10:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
13:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
13:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
13:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
13:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
14:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
14:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
15:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
15:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00

TSC HABITABILITY RESULTS
(outside of TSC entrance door)

TIME	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	PIC DOSE (mR)	FRISKER BKGD (CPM)	SHIELDED FRISKER BKGD (CPM)	PARTICULATE GROSS CPM	PARTICULATE NET CPM	PART uCi/cc	IODINE GROSS CPM	I-2 NET CPM	I-2 uCi/cc	DAC-HRS
7:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
8:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
8:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
8:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
9:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
9:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
9:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
9:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
10:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
10:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
10:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
10:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
13:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
13:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
13:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
13:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
14:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
14:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
15:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
15:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	0	0	60	20	1.59E-10	20	0	0.00E+00	0.00

C25

SECURITY HABITABILITY RESULTS
(inside of SECURITY entrance door)

TIME	RO-2 OPEN mREM/Hr	RO-2 DOSE RATE mR / Hr	BETA mREM/Hr	PIC DOSE (mR)	FRISKER BKGD (CPM)	SHIELDED FRISKER BKGD (CPM)	PARTICULATE GROSS CPM	PARTICULATE NET CPM	PART uCi/cc	IODINE GROSS CPM	I-2 NET CPM	I-2 uCi/cc	DAC-HRS
7:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
8:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
8:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
8:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
9:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
9:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
9:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
9:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
10:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
10:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
10:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
10:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:24	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:28	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:31	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:33	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:36	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:38	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:43	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:48	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:50	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:51	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:53	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
13:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
13:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
13:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
13:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
14:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
14:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
14:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
14:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
15:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
15:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00

C26

SECURITY HABITABILITY RESULTS
(outside of SECURITY entrance door)

	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	PIC DOSE (mR)	FRISKER BKGD (CPM)	SHIELDED FRISKER BKGD (CPM)	PARTICULATE GROSS CPM	PARTICULATE NET CPM	PART uCi/cc	IODINE GROSS CPM	I-2 NET CPM	I-2 uCi/cc	DAC-HRS
7:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
8:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
8:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
8:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
9:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
9:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
9:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
9:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
10:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
10:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
10:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
10:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:24	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:28	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:31	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:33	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:36	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:38	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:43	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:48	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:50	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:51	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:53	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
13:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
13:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
13:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
13:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
14:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
14:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
14:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
14:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
15:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
15:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	0	0	60	20	1.59E-10	20	0	0.00E+00	0.00

EOF HABITABILITY RESULTS
(inside of EOF entrance door)

TIME	RO-2 OPEN mREM/Hr	RO-2 DOSE RATE mR / Hr	BETA mREM/Hr	PIC DOSE (mR)	FRISKER BKGD (CPM)	SHIELDED FRISKER BKGD (CPM)	PARTICULATE GROSS CPM	PARTICULATE NET CPM	PART uCi/cc	IODINE GROSS CPM	I-2 NET CPM	I-2 uCi/cc	DAC-HRS
7:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
8:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
8:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
8:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
9:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
9:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
9:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
9:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
10:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
10:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
10:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
10:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
11:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:12	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:13	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:16	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:18	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:21	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:23	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:28	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:33	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:35	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:36	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:38	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
12:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
13:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
13:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
13:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
13:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
14:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
14:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
14:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
14:45	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
15:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
15:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
15:30	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
16:12	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
16:15	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00
0:00	< 0.2	< 0.2	0	0	20	20	40	20	1.59E-10	20	0	0.00E+00	0.00

EOF HABITABILITY RESULTS
(outside of EOF entrance door)

	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	PIC DOSE (mR)	FRISKER BKGD (CPM)	SHIELDED FRISKER BKGD (CPM)	PARTICULATE GROSS CPM	PARTICULATE NET CPM	PART uCi/cc	IODINE GROSS CPM	I-2 NET CPM	I-2 uCi/cc	DAC-HRS
7:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
8:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
8:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
8:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
9:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
9:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
9:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
9:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
10:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
10:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
10:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
10:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
11:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:12	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:13	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:16	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:18	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:21	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:23	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:28	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:33	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:35	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:36	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:38	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
12:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
13:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
13:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
13:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
13:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
14:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
14:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
14:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
14:45	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
15:00	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
15:15	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
15:30	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
16:12	< 0.2	< 0.2	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
16:15	0.00	0.00	0	0	20	20	60	20	1.59E-10	20	0	0.00E+00	0.00
0:00	0.00	0.00	0	0	0	0	60	20	1.59E-10	20	0	0.00E+00	0.00

OPERATIONS DATA (Page 1 of 2)

TIME (RELATIVE)		-0:15	0:00	0:15	0:30	0:45	1:00	1:15	1:30	1:45	2:00	2:15	2:30	2:45	3:00	3:15	3:30	3:45	4:00
Actual(HR:MIN) AM		7:45	8:00	8:15	8:30	8:45	9:00	9:15	9:30	9:45	10:00	10:15	10:30	10:45	11:00	11:15	11:30	11:45	12:00
Actual(HR:MIN) PM		11:45	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45	15:00	15:15	15:30	15:45	16:00
REACTOR PWR	(%)	101	101	101	101	101	101	0	0	0	0	0	0	0	0	0	0	0	0
RCS LVL (Loop 1) BB LI-53A / 54A	(INWC	123	123	123	123	123	123	123	123	123	123	122	121	121	121	119	123	39	41
WR PRESS	(PSIA)	2284	2284	2284	2284	2284	2284	2315	2298	2298	2282	1515	1528	1486	1486	1328	1284	986	1449
PZR PRESS	(PSIA)	2234	2234	2234	2234	2234	2234	2267	2250	2250	2234	1963	1692	1692	1692	1692	1692	1692	1692
PZR LEVEL	(%)	57	57	57	57	57	57	33	28	29	28	0	0	0	0	0	0	75	100
RCS TEMP	(deg. F)																		
LOOP T-HOT	(deg. F)	617	617	617	617	617	617	560	559	559	558	556	554	551	549	540	512	479	480
LOOP T-COLD	(deg. F)	555	555	555	555	555	555	558	558	558	557	555	553	551	550	540	512	477	459
4 LOOP TAVG	(deg. F)	586	586	586	586	586	586	559	559	558	558	556	554	551	550	540	530	530	530
EXIT THERMOCOUPLE TEMP	(deg. F)	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629
MAX LP FLOW	(%)	9814.5	9814.5	9814.5	9814.5	9814.5	9814.5	9755.9	9768.5	9768.5	9777.0	9982.9	10188.7	10202.8	10193.6	10167.3	10349.9	11805.0	11805.0
BORON CONC	(PPM)	11	11	11	11	11	11	11	11	11	11	179	449	696	916	1115	1336	1563	1725
MAIN STEAM FLOW																			
SG 1 STM FLW	(MLB/HR)	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
SG 2 STM FLW	(MLB/HR)	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
SG 3 STM FLW	(MLB/HR)	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
SG 4 STM FLW	(MLB/HR)	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
S/G LEVEL																			
SG 1 LVL NR	(%)	50.0	50.0	50.0	50.0	50.0	50.0	0.0	29.8	44.3	44.9	47.3	48.7	46.9	45.4	35.3	33.5	45.3	52.8
SG 2 LVL NR	(%)	50.0	50.0	50.0	50.0	50.0	50.0	0.0	34.0	37.4	33.2	41.5	49.8	53.4	49.7	36.4	35.4	47.5	52.2
SG 3 LVL NR	(%)	50.0	50.0	50.0	50.0	50.0	50.0	0.0	36.8	40.7	33.5	40.3	47.1	55.9	55.3	45.6	42.4	47.6	46.7
SG 4 LVL NR	(%)	50.0	50.0	50.0	50.0	50.0	50.0	0.0	29.0	44.7	39.5	45.2	50.9	51.9	54.5	48.8	47.0	43.5	37.1
SG 1 LVL WR	(%)	63.1	63.1	63.1	63.1	63.1	63.1	54.3	59.8	62.1	62.2	62.6	63.0	62.6	62.3	60.7	60.6	63.8	66.0
SG 2 LVL WR	(%)	63.1	63.1	63.1	63.1	63.1	63.1	54.2	60.5	61.0	60.4	61.7	63.0	63.6	63.0	60.9	60.9	64.2	65.9
SG 3 LVL WR	(%)	63.1	63.1	63.1	63.1	63.1	63.1	54.3	61.3	61.6	60.4	61.5	62.6	64.0	63.9	62.4	62.1	64.1	64.9
SG 4 LVL WR	(%)	63.1	63.1	63.1	63.1	63.1	63.1	53.8	59.7	62.2	61.4	62.3	63.2	63.4	63.8	62.9	62.9	63.4	63.3
SG 1 PRESS	(PSIA)	940.1	940.1	940.1	940.1	940.1	940.1	1084.4	1084.5	1081.2	1077.6	1062.8	1048.0	1023.4	1012.4	927.8	729.8	555.6	453.6
SG 2 PRESS	(PSIA)	940.2	940.2	940.2	940.2	940.2	940.2	1084.4	1084.5	1081.2	1077.6	1062.8	1048.0	1023.4	1012.4	927.8	729.8	555.6	453.6
SG 3 PRESS	(PSIA)	940.1	940.1	940.1	940.1	940.1	940.1	1084.4	1084.5	1081.2	1077.6	1062.8	1048.0	1023.4	1012.4	927.8	729.8	555.6	453.6
SG 4 PRESS	(PSIA)	940.0	940.0	940.0	940.0	940.0	940.0	1084.4	1084.5	1081.2	1077.6	1062.8	1048.0	1023.4	1012.4	927.8	729.8	555.6	453.6
CONT PRESS	(PSIG)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	2.1	3.9	4.6	5.4	6.1	6.6	6.8	7.4
CONT TEMP.	(deg. F)	83.1	83.1	83.1	83.1	83.1	83.1	84.4	88.5	89.7	90.3	112.8	135.3	143.1	150.3	156.3	160.2	162.3	165.0
CONT HUMIDITY	(%)	57.1	57.1	57.1	57.1	57.1	57.1	55.5	50.3	46.9	45.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CONT H2 CONC	(% vol.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONT SUMP LVL (RECIRC)	ELEV.	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	19.1	95.9	97.5	98.9	100.5
ACCUM A LVL	(%)	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
ACCUM B LVL	(%)	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
ACCUM C LVL	(%)	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
ACCUM D LVL	(%)	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
ACCUM A PRS	(PSIA)	623.5	623.5	623.5	623.5	623.5	623.5	623.5	623.4	623.3	623.3	621.6	619.9	619.2	618.4	617.6	617.1	616.9	616.4
ACCUM B PRS	(PSIA)	623.5	623.5	623.5	623.5	623.5	623.5	623.5	623.4	623.3	623.3	621.6	619.9	619.2	618.4	617.6	617.1	616.9	616.4
ACCUM C PRS	(PSIA)	623.5	623.5	623.5	623.5	623.5	623.5	623.5	623.4	623.3	623.3	621.6	619.9	619.2	618.4	617.6	617.1	616.9	616.4
ACCUM D PRS	(PSIA)	623.5	623.5	623.5	623.5	623.5	623.5	623.5	623.4	623.3	623.3	621.6	619.9	619.2	618.4	617.6	617.1	616.9	616.4
RWST LEVEL	(%)	98	98	98	98	98	98	98	98	98	98	96	94	92	90	88	86	81	78
SG A AFW FLW	MLB/HR	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
SG B AFW FLW	MLB/HR	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
SG C AFW FLW	MLB/HR	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
SG D AFW FLW	MLB/HR	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
CST LEVEL	(%)	78	78	78	78	78	78	78	75	73	72	71	70	69	69	68	67	65	64
TOT SI FLOW	(GPM)	0	0	0	0	0	0	0	0	0	0	115	77	177	172	323	345	496	253
TOT CCP FLOW	(GPM)	0	0	0	0	0	0	0	0	0	0	437	435	390	390	416	415	455	391
TOT RHR FLOW	(GPM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT SPRY FLW	(GPM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LET DOWN FLOW	(GPM)	124	124	124	124	124	124	126	125	125	124	0	0	0	0	0	0	0	0
UNIT VENT FLOW	(CFM)	36800	36800	36800	36800	36800	36800	36800	44100	44100	44100	7500	7500	7500	7500	8800	8800	8800	8800
RAD WASTE VENT FLOW	(CFM)	12500	12500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TIME (RELATIVE)		4:15	4:30	4:45	5:00	5:15	5:30	5:45	6:00	6:15	6:30	6:45	7:00
Actual(HR:MN) AM		12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45	15:00
Actual(HR:MN) PM		16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00
REACTOR PWR	(%)	0	0	0	0	0	0	0	0	0	0	0	0
RCS LVL (Loop 1) B6 LI-53A / 54A	inWC	13	19	22	23	25	29	30	36	36	36	36	36
WR PRESS	(PSIA)	308	197	156	134	113	99	91	86	86	86	86	86
PZR PRESS	(PSIA)	1692	1692	1692	1692	1692	1692	1692	1692	1692	1692	1692	1692
PZR LEVEL	(%)	0	0	0	0	0	0	0	0	0	0	0	0
RCS TEMP	(deg. F)												
LOOP T-HOT	(deg. F)	426	398	387	353	339	330	322	319	319	319	319	319
LOOP T-COLD	(deg. F)	369	354	323	303	247	266	227	241	241	241	241	241
4 LOOP TAVG	(deg. F)	530	530	530	530	530	530	530	530	530	530	530	530
EXIT THERMOCOUPLE TEMP	(deg. F)	629	629	629	629	629	629	629	629	629	629	629	629
MAX LP FLOW	(%)	1559.3	196.1	160.3	98.3	34.8	553.0	16.7	264.3	264.3	264.3	264.3	264.3
BORON CONC	(PPM)	1882	2159	2315	2399	2426	2436	2443	2447	2447	2447	2447	2447
MAIN STEAM FLOW													
SG 1 STM FLW	(MLB/HR)	0	0	0	0	0	0	0	0	0	0	0	0
SG 2 STM FLW	(MLB/HR)	0	0	0	0	0	0	0	0	0	0	0	0
SG 3 STM FLW	(MLB/HR)	0	0	0	0	0	0	0	0	0	0	0	0
SG 4 STM FLW	(MLB/HR)	0	0	0	0	0	0	0	0	0	0	0	0
SG LEVEL													
SG 1 LVL NR	(%)	56.6	52.6	44.7	39.5	36.5	36.3	36.0	34.7	34.7	34.7	34.7	34.7
SG 2 LVL NR	(%)	54.5	42.8	33.1	33.2	40.7	46.6	51.8	56.1	56.1	56.1	56.1	56.1
SG 3 LVL NR	(%)	40.2	36.5	36.6	37.0	40.0	43.0	45.9	48.5	48.5	48.5	48.5	48.5
SG 4 LVL NR	(%)	44.4	57.5	67.0	70.6	67.5	67.3	66.5	64.8	64.8	64.8	64.8	64.8
SG 1 LVL WR	(%)	67.9	67.9	67.3	67.0	66.9	67.2	67.5	67.5	67.5	67.5	67.5	67.5
SG 2 LVL WR	(%)	67.2	66.2	65.3	66.0	67.7	69.2	70.5	71.6	71.6	71.6	71.6	71.6
SG 3 LVL WR	(%)	64.8	65.5	66.2	66.6	67.6	68.6	69.4	70.2	70.2	70.2	70.2	70.2
SG 4 LVL WR	(%)	65.8	69.1	71.4	72.5	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8
SG 1 PRESS	(PSIA)	322.6	225.6	162.8	118.8	105.5	104.5	83.0	76.7	76.7	76.7	76.7	76.7
SG 2 PRESS	(PSIA)	322.6	225.6	162.8	118.8	92.7	78.0	65.6	57.6	57.6	57.6	57.6	57.6
SG 3 PRESS	(PSIA)	322.6	225.6	162.8	118.8	95.1	77.4	68.9	60.2	60.2	60.2	60.2	60.2
SG 4 PRESS	(PSIA)	322.6	225.6	162.8	118.8	108.4	105.7	90.3	83.8	83.8	83.8	83.8	83.8
CONT PRESS	(PSIG)	9.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONT TEMP.	(deg. F)	199.3	193.9	187.9	184.1	181.5	180.5	180.3	179.8	179.8	179.8	179.8	179.8
CONT HUMIDITY	(%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CONT H2 CONC	(% vol.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONT SUMP LVL (RECIRC)	ELEV.	111.7	111.7	111.7	111.7	113.6	114.4	114.1	113.5	113.5	113.5	113.5	113.5
ACCUM A LVL	(%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACCUM B LVL	(%)	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
ACCUM C LVL	(%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACCUM D LVL	(%)	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
ACCUM A PRS	(PSIA)	399.6	193.2	153.1	126.5	105.9	92.8	83.6	79.6	79.6	79.6	79.6	79.6
ACCUM B PRS	(PSIA)	614.8	620.6	623.9	624.9	625.8	626.1	625.3	625.2	625.2	625.2	625.2	625.2
ACCUM C PRS	(PSIA)	399.8	193.5	152.8	126.5	107.3	94.3	85.3	81.3	81.3	81.3	81.3	81.3
ACCUM D PRS	(PSIA)	614.6	620.6	623.9	624.9	625.8	626.1	625.3	625.2	625.2	625.2	625.2	625.2
RWST LEVEL	(%)	74	69	66	46	34	32	32	32	32	32	32	32
SG A AFW FLW	MLBM/HR	0	0	0	0	0	0	0	0	0	0	0	0
SG B AFW FLW	MLBM/HR	0	0	0	0	0	0	0	0	0	0	0	0
SG C AFW FLW	MLBM/HR	0	0	0	0	0	0	0	0	0	0	0	0
SG D AFW FLW	MLBM/HR	0	0	0	0	0	0	0	0	0	0	0	0
CST LEVEL	(%)	63	62	62	61	61	60	60	60	60	60	60	60
TOT SI FLOW	(GPM)	670	697	703	712	721	788	788	789	789	789	789	789
TOT CCP FLOW	(GPM)	585	579	584	587	590	609	609	610	610	610	610	610
TOT RHR FLOW	(GPM)	0	656	1947	2555	2608	2169	2120	2230	2230	2230	2230	2230
TOT SPRY FLW	(GPM)	0	0	0	0	0	0	0	0	0	0	0	0
LET DOWN FLOW	(GPM)	0	0	0	0	0	0	0	0	0	0	0	0
UNIT VENT FLOW	(CFM)	8600	8600	8600	8600	8600	8600	8600	8600	8600	8600	8600	8600
RAD WASTE VENT FLOW	(CFM)	0	0	0	0	0	0	0	0	0	0	0	0

RCS RADIOCHEMISTRY (Page 1 of 2)

Description		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
% FUEL DAMAGE		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	1.5%	2.3%	2.7%	3.5%	4.2%	5.0%
% Clad Damage		0.00083	0.00083	0.00083	0.00083	0.00083	0.00083	0.00083	0.015314615	0.035509231	0.042216462	0.053083846	0.061776154	0.079169769	0.096545385	0.11393
Time																
Relative(HR:MN)	-0:15	0:00	0:15	0:30	0:45	1:00	1:15	1:30	1:45	2:00	2:15	2:30	2:45	3:00	3:15	3:30
Actual(HR:MN) AM	7:45	8:00	8:15	8:30	8:45	9:00	9:15	9:30	9:45	10:00	10:15	10:30	10:45	11:00	11:15	11:30
Actual(HR:MN) PM	11:45	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45	15:00	15:15	15:30
Time since RX Trip	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:15	0:30	0:45	1:00	1:15	1:30	1:45	2:00	2:15
Nuclide																
Kr-83M	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kr-85	5.43E-02	5.43E-02	5.43E-02	5.43E-02	5.43E-02	5.43E-02	5.43E-02	5.43E-02	1.56E+01	2.96E+01	3.35E+01	4.04E+01	4.52E+01	5.58E+01	6.55E+01	7.46E+01
Kr-85M	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.37E+00	3.77E+02	6.89E+02	7.51E+02	8.73E+02	9.39E+02	1.11E+03	1.26E+03	1.38E+03
Kr-87	2.75E+00	2.75E+00	2.75E+00	2.75E+00	2.75E+00	2.75E+00	2.75E+00	2.39E+00	5.99E+02	9.93E+02	9.82E+02	1.03E+03	1.01E+03	1.09E+03	1.11E+03	1.11E+03
Kr-88	3.87E+00	3.87E+00	3.87E+00	3.87E+00	3.87E+00	3.87E+00	3.87E+00	3.64E+00	9.83E+02	1.76E+03	1.87E+03	2.13E+03	2.24E+03	2.60E+03	2.87E+03	3.07E+03
Kr-89	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Xe-131M	5.37E-02	5.37E-02	5.37E-02	5.37E-02	5.37E-02	5.37E-02	5.37E-02	5.37E-02	1.54E+01	2.92E+01	3.31E+01	3.99E+01	4.46E+01	5.50E+01	6.46E+01	7.34E+01
Xe-133	1.04E+01	1.04E+01	1.04E+01	1.04E+01	1.04E+01	1.04E+01	1.04E+01	1.04E+01	2.97E+03	5.63E+03	6.37E+03	7.68E+03	8.57E+03	1.06E+04	1.24E+04	1.41E+04
Xe-133M	< 4.10E-01	< 4.10E-01	< 4.10E-01	< 4.10E-01	< 4.10E-01	< 4.10E-01	< 4.10E-01	< 4.10E-01	9.16E+01	1.74E+02	1.98E+02	2.38E+02	2.63E+02	3.24E+02	3.79E+02	4.30E+02
Xe-135	2.50E+00	2.50E+00	2.50E+00	2.50E+00	2.50E+00	2.50E+00	2.50E+00	2.45E+00	6.90E+02	1.29E+03	1.43E+03	1.69E+03	1.86E+03	2.25E+03	2.59E+03	2.90E+03
Xe-135M	2.01E+00	2.01E+00	2.01E+00	2.01E+00	2.01E+00	2.01E+00	2.01E+00	1.02E+00	1.48E+02	1.43E+02	9.26E+01	5.07E+01	2.88E+01	1.81E+01	1.09E+01	6.24E+00
Xe-137	9.10E+00	9.10E+00	9.10E+00	9.10E+00	9.10E+00	9.10E+00	9.10E+00	6.02E-01	1.14E+01	1.44E+00	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01
Xe-138	8.72E+00	8.72E+00	8.72E+00	8.72E+00	8.72E+00	8.72E+00	8.72E+00	4.19E+00	5.76E+02	5.26E+02	2.86E+02	1.66E+02	8.88E+01	5.26E+01	2.97E+01	1.62E+01
Total Noble Gas	4.08E+01	4.08E+01	4.08E+01	4.08E+01	4.08E+01	4.08E+01	4.08E+01	2.81E+01	6.47E+03	1.13E+04	1.20E+04	1.39E+04	1.51E+04	1.81E+04	2.08E+04	2.31E+04
I-130	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I-131	4.03E-01	4.03E-01	4.03E-01	4.03E-01	4.03E-01	4.03E-01	4.03E-01	4.02E-01	6.15E+01	1.17E+02	1.32E+02	1.59E+02	1.78E+02	2.19E+02	2.57E+02	2.92E+02
I-132	5.83E-01	5.83E-01	5.83E-01	5.83E-01	5.83E-01	5.83E-01	5.83E-01	5.41E-01	7.66E+01	1.35E+02	1.42E+02	1.59E+02	1.65E+02	1.89E+02	2.05E+02	2.17E+02
I-133	8.30E-01	8.30E-01	8.30E-01	8.30E-01	8.30E-01	8.30E-01	8.30E-01	8.23E-01	1.25E+02	2.35E+02	2.64E+02	3.16E+02	3.51E+02	4.29E+02	5.00E+02	5.64E+02
I-134	9.15E-01	9.15E-01	9.15E-01	9.15E-01	9.15E-01	9.15E-01	9.15E-01	7.51E-01	9.44E+01	1.47E+02	1.37E+02	1.35E+02	1.24E+02	1.26E+02	1.21E+02	1.13E+02
I-135	7.79E-01	7.79E-01	7.79E-01	7.79E-01	7.79E-01	7.79E-01	7.79E-01	7.59E-01	1.13E+02	2.09E+02	2.31E+02	2.72E+02	2.96E+02	3.55E+02	4.06E+02	4.51E+02
Total Iodine	3.51E+00	3.51E+00	3.51E+00	3.51E+00	3.51E+00	3.51E+00	3.51E+00	3.28E+00	4.71E+02	8.44E+02	9.06E+02	1.04E+03	1.11E+03	1.32E+03	1.49E+03	1.64E+03
Dose Equivalent Iodine	7.29E-01	7.29E-01	7.29E-01	7.29E-01	7.29E-01	7.29E-01	7.29E-01	7.21E-01	1.09E+02	2.05E+02	2.32E+02	2.76E+02	3.05E+02	3.74E+02	4.36E+02	4.92E+02
Fuel Reliability Index - Iodine	6.54E-01	6.54E-01	6.54E-01	6.54E-01	6.54E-01	6.54E-01	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Br-82	2.07E-03	2.07E-03	2.07E-03	2.07E-03	2.07E-03	2.07E-03	2.07E-03	2.06E-03	3.14E-01	5.94E-01	6.69E-01	8.04E-01	8.94E-01	1.10E+00	1.29E+00	1.45E+00
Br-83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Br-84	9.26E-02	9.26E-02	9.26E-02	9.26E-02	9.26E-02	9.26E-02	9.26E-02	6.69E-02	7.39E+00	1.01E+01	8.26E+00	7.19E+00	5.80E+00	5.16E+00	4.37E+00	3.59E+00
Total Halogens	3.60E+00	3.60E+00	3.60E+00	3.60E+00	3.60E+00	3.60E+00	3.60E+00	3.34E+00	4.79E+02	8.54E+02	9.15E+02	1.05E+03	1.12E+03	1.32E+03	1.50E+03	1.64E+03
Cs-134	6.69E-02	6.69E-02	6.69E-02	6.69E-02	6.69E-02	6.69E-02	6.69E-02	6.69E-02	1.85E+00	3.46E+00	3.91E+00	4.70E+00	5.25E+00	6.46E+00	7.56E+00	8.62E+00
Cs-136	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cs-138	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.85E-02	5.13E-01	9.59E-01	1.08E+00	1.30E+00	1.45E+00	1.79E+00	2.10E+00	2.38E+00
Cs-137	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	1.25E+00	2.33E+00	2.64E+00	3.18E+00	3.54E+00	4.36E+00	5.12E+00	5.82E+00
Total Noble Gas uCi/cc	4.08E+01	4.08E+01	4.08E+01	4.08E+01	4.08E+01	4.08E+01	4.08E+01	2.81E+01	6.47E+03	1.13E+04	1.20E+04	1.39E+04	1.51E+04	1.81E+04	2.08E+04	2.31E+04
Total Iodine uCi/cc	3.51E+00	3.51E+00	3.51E+00	3.51E+00	3.51E+00	3.51E+00	3.51E+00	3.28E+00	4.71E+02	8.44E+02	9.06E+02	1.04E+03	1.11E+03	1.32E+03	1.49E+03	1.64E+03
Total Cesium uCi/cc	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01	3.61E+00	6.75E+00	7.63E+00	9.16E+00	1.02E+01	1.26E+01	1.46E+01	1.66E+01
RCS Conc. in uCi/cc	4.81E+01	4.81E+01	4.81E+01	4.81E+01	4.81E+01	4.81E+01	4.81E+01	3.29E+01	7.42E+03	1.30E+04	1.39E+04	1.60E+04	1.73E+04	2.08E+04	2.39E+04	2.64E+04
I / NG RATIO	8.59E-02	8.59E-02	8.59E-02	8.59E-02	8.59E-02	8.59E-02	8.59E-02	1.25E-01	7.28E-02	7.49E-02	7.53E-02	7.47E-02	7.39E-02	7.27E-02	7.17E-02	7.06E-02
Cs / NG RATIO	3.72E-02	3.72E-02	3.72E-02	3.72E-02	3.72E-02	3.72E-02	3.72E-02	3.98E-02	7.67E-03	8.00E-03	8.42E-03	8.81E-03	9.20E-03	9.57E-03	9.93E-03	1.03E-02
Est. Fuel Damage	1.66E-02	1.66E-02	1.66E-02	1.66E-02	1.66E-02	1.66E-02	1.66E-02	1.66E-02	4.74E-03	9.01E-03	1.02E-01	1.23E-01	1.37E-01	1.69E-01	1.99E-01	2.25E-01
Total RCS CI	1.16E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04	7.91E-03	1.78E-08	3.12E-08	3.33E-06	3.86E-06	4.17E-06	4.99E-06	5.72E-06	6.35E-06

Note 1: Results are based on collection, not analysis, time.
Note 2: Sample results not available due to drill duration.

RCS Leak Rate (GPM)	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.22E+02	3.63E+02	3.63E+02	3.63E+02	3.63E+02	3.63E+02
Total NG CI From RCS	2.09E-07	2.09E-07	2.09E-07	2.09E-07	2.09E-07	2.09E-07	2.09E-07	2.09E-07	2.11E-07	2.21E-07	2.26E-07	2.32E-07	2.39E-07	2.41E-07		
Total I CI From RCS	1.79E-08	3.87E-08	5.96E-08	8.04E-08	1.01E-07	1.21E-07	1.53E-08	8.46E-08	1.08E-09	1.69E-09	2.39E-09	3.18E-09	4.13E-09	5.20E-09	5.20E-09	
Total Cs CI From RCS	6.67E-04	8.88E-04	1.19E-05	1.48E-05	2.01E-05	2.47E-05	2.97E-07	1.80E-08	5.34E-08	1.14E-08	1.98E-09	3.32E-09	5.34E-09	7.68E-09	7.68E-09	

RADIOCHEMISTRY (Page 2 of 2)

Type	C	C	C	C	C	C	C	C	C	C	A	A	A
% FUEL DAMAGE	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
% Clad Damage	0.146666823	0.144555977	0.144555977	0.144555977	0.144555977	0.144555977	0.144555977	0.144555977	0.144555977	0.144555977	0.144555977	0.144555977	0.144555977
Time													
Relative(HR:MN)	3:45	4:00	4:15	4:30	4:45	5:00	5:15	5:30	5:45	6:00	6:15	6:30	6:45
Actual(HR:MN) AM	11:45	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45
Actual(HR:MN) PM	23:45	24:00	24:15	24:30	24:45	25:00	25:15	25:30	25:45	26:00	26:15	26:30	26:45
Time since RX Trip	2:30	2:45	3:00	3:15	3:30	3:45	4:00	4:15	4:30	4:45	5:00	5:15	5:30
Nuclide													
Kr-83M	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kr-85	8.65E+01	8.66E+01	8.61E+01	8.46E+01	8.23E+01	8.10E+01	7.97E+01	7.85E+01	7.73E+01	7.57E+01	1.49E+02	1.44E+02	1.39E+02
Kr-85M	1.57E+03	1.52E+03	1.42E+03	1.33E+03	1.25E+03	1.18E+03	1.12E+03	1.07E+03	1.01E+03	9.51E+02	1.79E+03	1.67E+03	1.54E+03
Kr-87	1.14E+03	9.89E+02	8.46E+02	7.21E+02	6.16E+02	5.29E+02	4.55E+02	3.91E+02	3.39E+02	2.87E+02	4.90E+02	4.14E+02	3.49E+02
Kr-88	3.43E+03	3.25E+03	2.98E+03	2.71E+03	2.50E+03	2.31E+03	2.14E+03	1.99E+03	1.84E+03	1.70E+03	3.12E+03	2.85E+03	2.57E+03
Kr-89	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Xe-131M	8.71E+01	8.71E+01	8.46E+01	8.25E+01	8.06E+01	7.95E+01	7.81E+01	7.70E+01	7.57E+01	7.41E+01	1.45E+02	1.40E+02	1.34E+02
Xe-133	1.67E+04	1.67E+04	1.62E+04	1.56E+04	1.54E+04	1.52E+04	1.49E+04	1.47E+04	1.44E+04	1.41E+04	2.75E+04	2.67E+04	2.55E+04
Xe-133M	5.09E+02	5.09E+02	4.92E+02	4.76E+02	4.67E+02	4.59E+02	4.49E+02	4.41E+02	4.33E+02	4.23E+02	8.24E+02	7.97E+02	7.61E+02
Xe-135	3.37E+03	3.31E+03	3.16E+03	3.02E+03	2.91E+03	2.81E+03	2.71E+03	2.62E+03	2.53E+03	2.43E+03	4.67E+03	4.44E+03	4.17E+03
Xe-135M	3.76E+00	1.91E+00	9.46E-01	4.89E-01	2.33E-01	1.17E-01	5.84E-02	2.93E-02	1.46E-02	7.29E-03	7.29E-03	3.57E-03	1.74E-03
Xe-137	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01	< 2.47E-01
Xe-138	9.23E+00	4.43E+00	2.07E+00	9.86E-01	4.95E-01	2.15E-01	1.02E-01	4.80E-02	2.27E-02	1.07E-02	1.00E-02	4.69E-03	2.14E-03
Total Noble Gas	2.68E+04	2.64E+04	2.52E+04	2.42E+04	2.33E+04	2.26E+04	2.19E+04	2.13E+04	2.07E+04	2.00E+04	3.87E+04	3.71E+04	3.52E+04
I-130	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I-131	3.47E+02	3.47E+02	3.37E+02	3.26E+02	3.21E+02	3.16E+02	3.11E+02	3.06E+02	3.01E+02	2.94E+02	7.16E+03	6.97E+03	6.67E+03
I-132	2.39E+02	2.21E+02	2.00E+02	1.81E+02	1.64E+02	1.50E+02	1.37E+02	1.25E+02	1.14E+02	1.04E+02	2.35E+03	2.11E+03	1.88E+03
I-133	6.64E+02	6.58E+02	6.35E+02	6.14E+02	5.97E+02	5.82E+02	5.68E+02	5.56E+02	5.42E+02	5.27E+02	1.26E+04	1.23E+04	1.17E+04
I-134	1.16E+02	9.06E+01	7.23E+01	5.79E+01	4.66E+01	3.76E+01	3.04E+01	2.46E+01	1.98E+01	1.59E+01	3.20E+02	2.55E+02	2.00E+02
I-135	5.21E+02	5.06E+02	4.81E+02	4.57E+02	4.36E+02	4.16E+02	4.01E+02	3.85E+02	3.69E+02	3.52E+02	8.36E+03	7.92E+03	7.39E+03
Total Iodine	1.86E+03	1.83E+03	1.72E+03	1.64E+03	1.58E+03	1.50E+03	1.45E+03	1.40E+03	1.35E+03	1.29E+03	3.10E+04	2.96E+04	2.78E+04
Dose Equivalent Iodine	3.69E+02	3.77E+02	3.57E+02	3.49E+02	3.28E+02	3.14E+02	3.03E+02	4.93E+02	4.83E+02	4.70E+02	1.14E+04	1.10E+04	1.05E+04
Total Alkaline Metal	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sr-92	1.72E+00	1.71E+00	1.65E+00	1.60E+00	1.56E+00	1.53E+00	1.50E+00	1.47E+00	1.44E+00	1.40E+00	3.42E+01	3.30E+01	3.14E+01
Sr-93	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sr-94	3.07E+00	2.21E+00	1.59E+00	1.09E+00	7.72E-01	5.45E-01	3.89E-01	2.76E-01	1.95E-01	1.35E-01	2.44E+00	1.71E+00	1.18E+00
Total Halogen	1.86E+03	1.83E+03	1.72E+03	1.64E+03	1.57E+03	1.51E+03	1.45E+03	1.40E+03	1.35E+03	1.29E+03	3.11E+04	2.96E+04	2.78E+04
Co-134	1.02E+01	1.02E+01	9.94E+00	9.70E+00	9.50E+00	9.35E+00	9.20E+00	9.07E+00	8.92E+00	8.74E+00	2.14E+02	2.07E+02	1.99E+02
Co-135	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Co-136	2.82E+00	2.82E+00	2.74E+00	2.67E+00	2.62E+00	2.57E+00	2.53E+00	2.49E+00	2.45E+00	2.40E+00	5.87E+01	5.69E+01	5.45E+01
Co-137	6.99E+00	6.90E+00	6.71E+00	6.56E+00	6.41E+00	6.31E+00	6.21E+00	6.12E+00	6.02E+00	5.90E+00	1.44E+02	1.40E+02	1.34E+02
Total Noble Gas uCi/cc	2.68E+01	2.64E+01	2.52E+01	2.42E+01	2.33E+01	2.26E+01	2.19E+01	2.13E+01	2.07E+01	2.00E+01	3.87E+01	3.71E+01	3.52E+01
Total Iodine uCi/cc	1.86E+00	1.83E+00	1.72E+00	1.64E+00	1.58E+00	1.50E+00	1.45E+00	1.40E+00	1.35E+00	1.29E+00	3.10E+01	2.96E+01	2.78E+01
Total Cesium uCi/cc	1.86E+01	2.00E+01	1.94E+01	1.88E+01	1.83E+01	1.82E+01	1.79E+01	1.77E+01	1.74E+01	1.70E+01	4.17E+02	4.04E+02	3.87E+02
RCS Conc. in uCi/cc	3.07E+01	3.01E+01	2.87E+01	2.75E+01	2.65E+01	2.56E+01	2.48E+01	2.41E+01	2.34E+01	2.26E+01	1.01E+02	9.67E+01	9.12E+01
I / NG RATIO	6.93E-02	6.91E-02	6.83E-02	6.77E-02	6.70E-02	6.65E-02	6.59E-02	6.54E-02	6.50E-02	6.46E-02	8.01E-01	7.99E-01	7.90E-01
Cs / NG RATIO	1.09E-02	1.09E-02	1.12E-02	1.16E-02	1.19E-02	1.21E-02	1.24E-02	1.27E-02	1.29E-02	1.32E-02	1.34E-02	1.37E-02	1.39E-02
Est. Fuel Damage	2.67E+01	2.67E+01	2.59E+01	2.52E+01	2.47E+01	2.43E+01	2.39E+01	2.35E+01	2.31E+01	2.26E+01	4.41E+01	4.27E+01	4.09E+01
Total RCS CI	7.36E+06	7.24E+06	6.93E+06	6.81E+06	6.37E+06	6.17E+06	5.98E+06	5.80E+06	5.63E+06	5.44E+06	2.45E+07	2.32E+07	2.19E+07

Note 1: Results are based on collection, not analysis, time.
Note 2: Sample results not available due to drill duration.

RCS Leak Rate (GPM)	9.53E+02	1.00E+03	7.50E+02	7.00E+02	8.25E+02	5.90E+02	9.25E+02	3.75E+02	3.25E+02	2.80E+02	2.85E+02	2.20E+02	1.32E+02
Total NG CI From RCS	2.02E+06	2.56E+06	4.95E+06	6.10E+06	7.07E+06	7.82E+06	8.46E+06	9.00E+06	9.89E+06	1.05E+07	1.11E+07	1.13E+07	
Total I CI From RCS	1.80E+06	4.15E+06	6.93E+06	1.00E+07	1.33E+07	1.67E+07	2.02E+07	2.33E+07	7.20E+08	1.87E+10	2.60E+10	3.04E+10	
Total Cs CI From RCS	2.32E+06	8.58E+06	1.14E+07	1.63E+07	2.09E+07	2.71E+07	4.90E+07	6.42E+08	1.11E+11	4.14E+11	7.55E+11	9.24E+11	

CONTAINMENT ATMOSPHERE(Page 1 of 2)

Time															
Relative(HR:MN)	8:15	9:00	9:15	9:30	9:45	1:00	1:15	1:30	1:45	2:00	2:15	2:30	2:45	3:00	3:15
Actual(HR:MN) AM	7:45	8:00	8:15	8:30	8:45	9:00	9:15	9:30	9:45	10:00	10:15	10:30	10:45	11:00	11:15
Actual(HR:MN) PM	11:45	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45	15:00	15:15
Time since RX Trip	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:15	0:30	0:45	1:00	1:15	1:30	1:45	2:00
Nuclide															
Kr-83M	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kr-85	< 1.25E-06	< 1.25E-06	< 1.25E-06	< 1.25E-06	< 1.25E-06	< 1.25E-06	< 1.25E-06	< 1.25E-06	1.12E-04	1.15E-02	2.43E-02	4.11E-02	5.90E-02	8.89E-02	1.23E-01
Kr-85M	5.32E-07	5.32E-07	5.32E-07	5.32E-07	5.32E-07	5.32E-07	5.32E-07	5.12E-07	2.71E-03	2.69E-01	5.46E-01	8.86E-01	1.22E+00	1.77E+00	2.37E+00
Kr-87	1.03E-06	1.03E-06	1.03E-06	1.03E-06	1.03E-06	1.03E-06	1.03E-06	8.97E-07	4.31E-03	3.88E-01	7.13E-01	1.05E+00	1.32E+00	1.73E+00	2.09E+00
Kr-88	1.45E-06	1.45E-06	1.45E-06	1.45E-06	1.45E-06	1.45E-06	1.45E-06	1.36E-06	7.06E-03	6.86E-01	1.36E+00	2.16E+00	2.92E+00	4.14E+00	5.40E+00
Kr-89	1.78E-06	1.78E-06	1.78E-06	1.78E-06	1.78E-06	1.78E-06	1.78E-06	< 7.23E-07	1.37E-05	5.27E-05	4.15E-06	< 7.23E-07	< 7.23E-07	< 7.23E-07	< 7.23E-07
Xe-131M	< 1.31E-07	< 1.31E-07	< 1.31E-07	< 1.31E-07	< 1.31E-07	< 1.31E-07	< 1.31E-07	< 1.31E-07	1.11E-04	1.14E-02	2.40E-02	4.06E-02	5.82E-02	8.76E-02	1.22E-01
Xe-133	3.89E-06	3.89E-06	3.89E-06	3.89E-06	3.89E-06	3.89E-06	3.89E-06	3.88E-06	2.13E-02	2.20E+00	4.63E+00	7.80E+00	1.12E+01	1.68E+01	2.33E+01
Xe-133M	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.20E-07	6.60E-04	6.79E-02	1.43E-01	2.40E-01	3.44E-01	5.16E-01	7.14E-01
Xe-135	9.37E-07	9.37E-07	9.37E-07	9.37E-07	9.37E-07	9.37E-07	9.37E-07	9.19E-07	4.96E-03	5.02E-01	1.04E+00	1.72E+00	2.42E+00	3.58E+00	4.88E+00
Xe-135M	7.51E-07	7.51E-07	7.51E-07	7.51E-07	7.51E-07	7.51E-07	7.51E-07	3.82E-07	1.07E-03	5.60E-02	6.00E-02	5.15E-02	3.76E-02	2.88E-02	2.03E-02
Xe-137	3.41E-06	3.41E-06	3.41E-06	3.41E-06	3.41E-06	3.41E-06	3.41E-06	< 3.51E-07	8.21E-05	5.61E-04	7.82E-05	8.74E-06	8.30E-07	< 3.51E-07	< 3.51E-07
Xe-138	3.27E-06	3.27E-06	3.27E-06	3.27E-06	3.27E-06	3.27E-06	3.27E-06	1.57E-06	4.14E-03	2.05E-01	2.08E-01	1.68E-01	1.16E-01	8.38E-02	5.58E-02
Total Noble Gas	1.72E-05	1.72E-05	1.72E-05	1.72E-05	1.72E-05	1.72E-05	1.72E-05	9.64E-06	4.65E-02	4.39E+00	8.74E+00	1.42E+01	1.97E+01	2.89E+01	3.91E+01
I-130	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I-131	1.51E-07	1.51E-07	1.51E-07	1.51E-07	1.51E-07	1.51E-07	1.51E-07	1.51E-07	4.42E-04	4.56E-02	9.59E-02	1.62E-01	2.32E-01	3.49E-01	4.84E-01
I-132	2.18E-07	2.18E-07	2.18E-07	2.18E-07	2.18E-07	2.18E-07	2.18E-07	2.03E-07	5.52E-04	5.28E-02	1.03E-01	1.62E-01	2.15E-01	3.00E-01	3.87E-01
I-133	3.11E-07	3.11E-07	3.11E-07	3.11E-07	3.11E-07	3.11E-07	3.11E-07	3.06E-07	8.99E-04	9.18E-02	1.92E-01	3.21E-01	4.58E-01	6.84E-01	9.40E-01
I-134	3.43E-07	3.43E-07	3.43E-07	3.43E-07	3.43E-07	3.43E-07	3.43E-07	2.81E-07	6.79E-04	5.74E-02	9.93E-02	1.38E-01	1.62E-01	2.00E-01	2.28E-01
I-135	2.92E-07	2.92E-07	2.92E-07	2.92E-07	2.92E-07	2.92E-07	2.92E-07	2.84E-07	8.14E-04	8.17E-02	1.68E-01	2.76E-01	3.86E-01	5.66E-01	7.65E-01
Total Iodine	1.31E-06	1.31E-06	1.31E-06	1.31E-06	1.31E-06	1.31E-06	1.31E-06	1.23E-06	3.39E-03	3.29E-01	6.58E-01	1.06E+00	1.45E+00	2.10E+00	2.80E+00
Br-82	7.76E-10	7.76E-10	7.76E-10	7.76E-10	7.76E-10	7.76E-10	7.76E-10	7.73E-10	2.26E-06	2.32E-04	4.86E-04	8.17E-04	1.17E-03	1.75E-03	2.41E-03
Br-83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Br-84	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Halogens	1.32E-06	1.32E-06	1.32E-06	1.32E-06	1.32E-06	1.32E-06	1.32E-06	1.23E-06	3.39E-03	3.29E-01	6.59E-01	1.06E+00	1.45E+00	2.10E+00	2.81E+00
Cs-134	2.50E-08	2.50E-08	2.50E-08	2.50E-08	2.50E-08	2.50E-08	2.50E-08	2.50E-08	1.33E-05	1.35E-03	2.84E-03	4.78E-03	6.85E-03	1.03E-02	1.43E-02
Cs-135	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cs-136	6.95E-09	6.95E-09	6.95E-09	6.95E-09	6.95E-09	6.95E-09	6.95E-09	6.95E-09	3.69E-06	3.74E-04	7.86E-04	1.32E-03	1.90E-03	2.85E-03	3.94E-03
Cs-137	1.69E-08	1.69E-08	1.69E-08	1.69E-08	1.69E-08	1.69E-08	1.69E-08	1.69E-08	8.97E-06	9.11E-04	1.92E-03	3.23E-03	4.62E-03	6.95E-03	9.63E-03
Total Noble Gas uCi/cc	1.72E-05	1.72E-05	1.72E-05	1.72E-05	1.72E-05	1.72E-05	1.72E-05	9.64E-06	4.65E-02	4.39E+00	8.74E+00	1.42E+01	1.97E+01	2.89E+01	3.91E+01
Total Iodine uCi/cc	1.31E-06	1.31E-06	1.31E-06	1.31E-06	1.31E-06	1.31E-06	1.31E-06	1.23E-06	3.39E-03	3.29E-01	6.58E-01	1.06E+00	1.45E+00	2.10E+00	2.80E+00
Total Cesium uCi/cc	4.89E-08	4.89E-08	4.89E-08	4.89E-08	4.89E-08	4.89E-08	4.89E-08	4.89E-08	2.60E-05	2.63E-03	5.54E-03	9.33E-03	1.34E-02	2.01E-02	2.78E-02
Total Containment Conc.	1.98E-05	1.98E-05	1.98E-05	1.98E-05	1.98E-05	1.98E-05	1.98E-05	1.21E-05	5.33E-02	5.06E+00	1.01E+01	1.63E+01	2.26E+01	3.31E+01	4.47E+01
I / NG RATIO	7.66E-02	7.66E-02	7.66E-02	7.66E-02	7.66E-02	7.66E-02	7.66E-02	1.27E-01	7.27E-02	7.49E-02	7.53E-02	7.47E-02	7.38E-02	7.27E-02	7.17E-02
Cs / NG RATIO	3.72E-02	3.72E-02	3.72E-02	3.72E-02	3.72E-02	3.72E-02	3.72E-02	3.98E-02	7.67E-03	8.00E-03	8.42E-03	8.81E-03	9.20E-03	9.57E-03	9.93E-03
Total Containment Ci	1.40E+00	1.40E+00	1.40E+00	1.40E+00	1.40E+00	1.40E+00	1.40E+00	8.50E-01	3.78E+03	3.58E+05	7.13E+05	1.15E+06	1.60E+06	2.34E+06	3.17E+06

CONTAINMENT ATMOSPHERE (Page 2 of 2)

Time														
Relative(HR:MN)	3:30	3:45	4:00	4:15	4:30	4:45	5:00	5:15	5:30	5:45	6:00	6:15	6:30	6:45
Actual(HR:MN) AM	11:30	11:45	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45
Actual(HR:MN) PM	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45
Time since RX Trip	2:15	2:30	2:45	3:00	3:15	3:30	3:45	4:00	4:15	4:30	4:45	5:00	5:15	5:30
Nuclide														
Kr-83M	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kr-85	1.62E-01	2.17E-01	2.86E-01	3.27E-01	3.63E-01	3.91E-01	4.12E-01	4.25E-01	4.35E-01	4.41E-01	4.44E-01	8.93E-01	8.93E-01	8.83E-01
Kr-85M	2.99E+00	3.87E+00	4.90E+00	5.39E+00	5.74E+00	5.95E+00	6.04E+00	6.00E+00	5.90E+00	5.75E+00	5.58E+00	1.08E+01	1.04E+01	9.88E+00
Kr-87	2.40E+00	2.81E+00	3.23E+00	3.22E+00	3.11E+00	2.93E+00	2.70E+00	2.43E+00	2.16E+00	1.91E+00	1.68E+00	2.95E+00	2.57E+00	2.22E+00
Kr-88	6.67E+00	8.43E+00	1.04E+01	1.12E+01	1.17E+01	1.19E+01	1.18E+01	1.14E+01	1.10E+01	1.05E+01	9.95E+00	1.88E+01	1.77E+01	1.65E+01
Kr-89	< 7.23E-07	< 7.23E-07	< 7.23E-07	< 7.23E-07	< 7.23E-07	< 7.23E-07	< 7.23E-07	< 7.23E-07	< 7.23E-07	< 7.23E-07	< 7.23E-07	< 7.23E-07	< 7.23E-07	< 7.23E-07
Xe-131M	1.59E-01	2.14E-01	2.82E-01	3.22E-01	3.56E-01	3.84E-01	4.05E-01	4.17E-01	4.26E-01	4.32E-01	4.35E-01	8.73E-01	8.73E-01	8.63E-01
Xe-133	3.06E+01	4.10E+01	5.39E+01	6.16E+01	6.81E+01	7.33E+01	7.72E+01	7.96E+01	8.12E+01	8.22E+01	8.27E+01	1.66E+02	1.66E+02	1.64E+02
Xe-133M	9.33E-01	1.25E+00	1.64E+00	1.87E+00	2.06E+00	2.22E+00	2.33E+00	2.40E+00	2.44E+00	2.47E+00	2.48E+00	4.97E+00	4.95E+00	4.88E+00
Xe-135	6.26E+00	8.29E+00	1.07E+01	1.20E+01	1.30E+01	1.38E+01	1.43E+01	1.45E+01	1.45E+01	1.44E+01	1.43E+01	2.81E+01	2.76E+01	2.68E+01
Xe-135M	1.35E-02	9.25E-03	6.19E-03	3.60E-03	2.02E-03	1.11E-03	5.95E-04	3.12E-04	1.62E-04	8.35E-05	4.28E-05	4.37E-05	2.22E-05	1.12E-05
Xe-137	< 3.51E-07	< 3.51E-07	< 3.51E-07	< 3.51E-07	< 3.51E-07	< 3.51E-07	< 3.51E-07	< 3.51E-07	< 3.51E-07	< 3.51E-07	< 3.51E-07	< 3.51E-07	< 3.51E-07	< 3.51E-07
Xe-138	3.51E-02	2.27E-02	1.43E-02	7.86E-03	4.18E-03	2.16E-03	1.09E-03	5.42E-04	2.66E-04	1.29E-04	6.25E-05	6.03E-05	2.90E-05	1.38E-05
Total Noble Gas	5.02E+01	6.61E+01	8.55E+01	9.60E+01	1.04E+02	1.11E+02	1.15E+02	1.17E+02	1.18E+02	1.18E+02	1.18E+02	2.33E+02	2.31E+02	2.26E+02
I-130	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I-131	6.35E-01	8.52E-01	1.12E+00	1.28E+00	1.42E+00	1.53E+00	1.61E+00	1.66E+00	1.69E+00	1.72E+00	1.73E+00	4.33E+01	4.33E+01	4.28E+01
I-132	4.70E-01	5.86E-01	7.16E-01	7.59E-01	7.80E-01	7.79E-01	7.63E-01	7.30E-01	6.92E-01	6.51E-01	6.08E-01	1.42E+01	1.31E+01	1.21E+01
I-133	1.22E+00	1.63E+00	2.13E+00	2.41E+00	2.65E+00	2.83E+00	2.97E+00	3.03E+00	3.06E+00	3.09E+00	3.09E+00	7.70E+01	7.63E+01	7.49E+01
I-134	2.46E-01	2.71E-01	2.93E-01	2.75E-01	2.50E-01	2.21E-01	1.91E-01	1.62E-01	1.36E-01	1.13E-01	9.35E-02	1.93E+00	1.58E+00	1.29E+00
I-135	9.78E-01	1.26E+00	1.64E+00	1.83E+00	1.97E+00	2.07E+00	2.13E+00	2.14E+00	2.13E+00	2.10E+00	2.06E+00	5.05E+01	4.92E+01	4.74E+01
Total Iodine	3.55E+00	4.62E+00	5.90E+00	6.56E+00	7.07E+00	7.43E+00	7.66E+00	7.72E+00	7.73E+00	7.68E+00	7.58E+00	1.87E+02	1.84E+02	1.79E+02
Br-82	3.15E-03	4.21E-03	5.52E-03	6.26E-03	6.92E-03	7.42E-03	7.80E-03	8.01E-03	8.14E-03	8.22E-03	8.24E-03	2.06E-01	2.05E-01	2.02E-01
Br-83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Br-84	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Halogens	3.56E+00	4.62E+00	5.91E+00	6.56E+00	7.08E+00	7.44E+00	7.67E+00	7.73E+00	7.74E+00	7.68E+00	7.59E+00	1.87E+02	1.84E+02	1.79E+02
Cs-134	1.87E-02	2.51E-02	3.31E-02	3.78E-02	4.18E-02	4.51E-02	4.76E-02	4.91E-02	5.02E-02	5.09E-02	5.13E-02	1.29E+00	1.29E+00	1.27E+00
Cs-135	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cs-136	5.17E-03	6.94E-03	9.13E-03	1.04E-02	1.15E-02	1.24E-02	1.31E-02	1.35E-02	1.38E-02	1.40E-02	1.41E-02	3.54E-01	3.54E-01	3.50E-01
Cs-137	1.26E-02	1.70E-02	2.23E-02	2.55E-02	2.83E-02	3.04E-02	3.21E-02	3.32E-02	3.39E-02	3.44E-02	3.46E-02	8.70E-01	8.70E-01	8.61E-01
Total Noble Gas uCi/cc	5.02E+01	6.61E+01	8.55E+01	9.60E+01	1.04E+02	1.11E+02	1.15E+02	1.17E+02	1.18E+02	1.18E+02	1.18E+02	2.33E+02	2.31E+02	2.26E+02
Total Iodine uCi/cc	3.55E+00	4.62E+00	5.90E+00	6.56E+00	7.07E+00	7.43E+00	7.66E+00	7.72E+00	7.73E+00	7.68E+00	7.58E+00	1.87E+02	1.84E+02	1.79E+02
Total Cesium uCi/cc	3.65E-02	4.80E-02	6.45E-02	7.38E-02	8.16E-02	8.80E-02	9.29E-02	9.58E-02	9.79E-02	9.93E-02	1.00E-01	2.51E+00	2.51E+00	2.49E+00
Total Containment Conc.	5.73E+01	7.54E+01	9.73E+01	1.09E+02	1.19E+02	1.26E+02	1.31E+02	1.33E+02	1.34E+02	1.34E+02	1.33E+02	6.10E+02	6.01E+02	5.86E+02
I / NG RATIO	7.06E-02	6.99E-02	6.91E-02	6.83E-02	6.77E-02	6.70E-02	6.65E-02	6.59E-02	6.54E-02	6.50E-02	6.45E-02	8.01E-01	7.96E-01	7.90E-01
Cs / NG RATIO	1.03E-02	1.06E-02	1.09E-02	1.12E-02	1.15E-02	1.18E-02	1.21E-02	1.24E-02	1.27E-02	1.29E-02	1.32E-02	1.34E-02	1.37E-02	1.39E-02
Total Containment Cl	4.06E+06	5.34E+06	6.89E+06	7.73E+06	8.40E+06	8.90E+06	9.25E+06	9.39E+06	9.46E+06	9.46E+06	9.40E+06	4.32E+07	4.25E+07	4.15E+07

GASEOUS PROCESS MONITOR DATA (ARAD) (Page 1 of 2)

Time Relative(HR:MN) Actual(HR:MN) AM Actual(HR:MN) PM		-0:15 7:45 11:45	0:00 8:00 12:00	0:15 8:15 12:15	0:30 8:30 12:30	0:45 8:45 12:45	1:00 9:00 13:00	1:15 9:15 13:15	1:30 9:30 13:30	1:45 9:45 13:45	2:00 10:00 14:00	2:15 10:15 14:15	2:30 10:30 14:30	2:45 10:45 14:45	3:00 11:00 15:00	3:15 11:15 15:15
Time since RX Trip		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:15	0:30	0:45	1:00	1:15	1:30	1:45	2:00
CONTROL ROOM	CONTROL ROOM															
GKRE 04/05 - P	(1.0 E-12 - 1.0 E-7)	3.57E-12	3.57E-12	3.30E-12	4.02E-12	4.14E-12	3.30E-12	3.54E-12	3.45E-12	3.78E-12	4.11E-12	4.06E-12	3.83E-12	3.60E-12	3.90E-12	3.63E-12
GKRE 04/05 - I	(1.0 E-11 - 1.0 E-6)	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11
GKRE 04/05 - G	(1.0 E-7 - 1.0 E-2)	1.31E-06	1.30E-06	1.31E-06	1.13E-06	1.30E-06	1.14E-06	1.32E-06	1.28E-06	1.10E-06	1.32E-06	1.15E-06	1.39E-06	1.35E-06	1.14E-06	1.10E-06
RAD WASTE VENT	RAD WASTE VENT															
GHRE 10A - P	(1.0 E-12 - 1.0 E-7)	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12
GHRE 10A - I	(1.0 E-11 - 1.0 E-6)	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11
GHRE 10B - G	(1.0 E-7 - 1.0 E-2)	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06
UNIT VENT																
GTRE 21A - P	(1.0 E-12 - 1.0 E-7)	1.08E-10	1.08E-10	9.84E-11	9.24E-11	7.93E-11	7.85E-11	8.04E-11	7.80E-11	8.50E-11	8.43E-11	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12
GTRE 21A - I	(1.0 E-11 - 1.0 E-6)	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11
GTRE 21B - G	(1.0 E-7 - 1.0 E-2)	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.87E-07	2.35E-07	1.90E-07	1.14E-06	1.15E-06	1.18E-06	1.40E-06	9.97E-07
MINI PURGE																
GTRE 22/33 - P	(1.0 E-12 - 1.0 E-7)	4.80E-10	4.80E-10	4.89E-10	5.33E-10	5.36E-10	5.70E-10	5.90E-10	6.41E-10	5.83E-10	6.01E-10	5.47E-10	5.03E-10	5.18E-10	5.40E-10	5.16E-10
GTRE 22/33 - I	(1.0 E-11 - 1.0 E-6)	1.32E-08	1.32E-08	1.27E-08	1.37E-08	1.34E-08	1.43E-08	1.36E-08	1.42E-08	1.50E-08	1.37E-08	1.49E-08	1.56E-08	1.69E-08	1.83E-08	1.73E-08
GTRE 22/33 - G	(1.0 E-7 - 1.0 E-2)	1.75E-07	1.75E-07	1.60E-07	1.74E-07	1.62E-07	1.72E-07	1.62E-07	1.53E-07	1.40E-07	1.61E-07	1.58E-07	1.50E-07	1.70E-07	1.87E-07	1.76E-07
FUEL BLDG EXHAUST																
GGRE 27/28 - P	(1.0 E-12 - 1.0 E-7)	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12
GGRE 27/28 - I	(1.0 E-11 - 1.0 E-6)	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11
GGRE 27/28 - G	(1.0 E-7 - 1.0 E-2)	1.12E-06	1.12E-06	1.17E-06	1.39E-06	1.21E-06	1.38E-06	1.11E-06	1.10E-06	1.38E-06	1.12E-06	1.14E-06	1.15E-06	1.18E-06	1.40E-06	1.17E-06
CONTAINMENT ATMOSPHERE																
GTRE 31/32 - P	(1.0 E-12 - 1.0 E-7)	4.89E-08	4.89E-08	4.89E-08	4.89E-08	4.89E-08	4.80E-08	4.89E-08	4.89E-08	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07
GTRE 31/32 - I	(1.0 E-11 - 1.0 E-6)	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.32E-07	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06
GTRE 31/32 - G	(1.0 E-7 - 1.0 E-2)	1.75E-05	1.75E-05	1.75E-05	1.75E-05	1.75E-05	1.75E-06	1.75E-05	1.02E-05	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02
RAD WASTE EXHAUST																
GHRE 22 - P	(1.0 E-12 - 1.0 E-7)	3.57E-12	3.57E-12	3.54E-12	4.20E-12	3.46E-12	3.75E-12	3.33E-12	4.17E-12	3.30E-12	3.75E-12	4.05E-12	3.30E-12	4.05E-12	3.57E-12	4.11E-12
ACCESS CONTROL																
GKRE 41 - P	(1.0 E-12 - 1.0 E-7)	3.76E-12	3.76E-12	4.17E-12	3.90E-12	3.64E-12	3.57E-12	4.20E-12	3.75E-12	3.30E-12	3.30E-12	3.45E-12	3.93E-12	3.84E-12	4.17E-12	4.11E-12
AUX BLDG EXHAUST																
GLRE 60 - P	(1.0 E-12 - 1.0 E-7)	1.12E-10	1.12E-10	1.08E-10	9.50E-11	8.22E-11	8.14E-11	8.33E-11	9.74E-11	1.07E-10	1.05E-10	9.53E-11	9.29E-11	9.89E-11	1.07E-10	1.01E-10
ABRE 114 - SG A(mR/hr) *		0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010
ABRE 113 - SG B(mR/hr) *		0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
ABRE 112 - SG C(mR/hr) *		0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010
ABRE 111 - SG D(mR/hr) *		0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010
FCRE 365 Aux. TT.(mR/hr) *		0.260	0.260	0.256	0.252	0.254	0.265	0.267	0.271	0.262	0.264	0.257	0.251	0.253	0.253	0.254
GTRE 59/60(R/hr) (ARAD2)	CHARMS	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.16E+02	3.71E+02	5.58E+02	8.09E+02	1.04E+03	1.41E+03
CONDENSER OFF GAS																
GERE 92 - G (RM-11, 925)	(1.0 E-7 - 1.0 E-2)	4.46E-07	4.45E-07	4.36E-07	4.52E-07	4.74E-07	5.00E-07	4.45E-07	4.29E-07	4.98E-07	4.13E-07	4.45E-07	4.92E-07	4.30E-07	4.90E-07	4.30E-07
GAS DECAY TK DISCHARGE																
GHRE 23 - G (RM-11, 235)	(1.0 E-7 - 1.0 E-2)	3.23E-06	3.23E-06	3.52E-06	4.82E-06	4.18E-06	3.63E-06	4.90E-06	4.12E-06	2.00E-06	2.80E-06	2.82E-06	4.56E-06	3.84E-06	4.94E-06	2.35E-06
UNIT VENT	NOBLE GAS(uCi/sec)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E+00	4.80E+00	3.96E+00	4.04E+00	4.07E+00	4.18E+00	4.96E+00	4.14E+00

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GASEOUS PROCESS MONITOR DATA (ARAD) (Page 2 of 2)

Time Relative(HR:MN) Actual(HR:MN) AM Actual(HR:MN) PM		3:30 11:30 15:30	3:45 11:45 15:45	4:00 12:00 16:00	4:15 12:15 16:15	4:30 12:30 16:30	4:45 12:45 16:45	5:00 13:00 17:00	5:15 13:15 17:15	5:30 13:30 17:30	5:45 13:45 17:45	6:00 14:00 18:00	6:15 14:15 18:15	6:30 14:30 18:30	6:45 14:45 18:45
Time since RX Trip		2:15	2:30	2:45	3:00	3:15	3:30	3:45	4:00	4:15	4:30	4:45	5:00	5:15	5:30
CONTROL ROOM	CONTROL ROOM														
GKRE 0405 - P	(1.0 E-12 - 1.0 E-7)	3.36E-12	3.67E-12	3.42E-12	3.99E-12	4.11E-12	3.69E-12	3.90E-12	3.90E-12	3.39E-12	3.33E-12	3.80E-12	3.89E-12	3.51E-12	4.08E-12
GKRE 0405 - I	(1.0 E-11 - 1.0 E-6)	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11
GKRE 0405 - G	(1.0 E-7 - 1.0 E-2)	1.23E-06	1.16E-06	1.18E-06	1.40E-06	1.14E-06	1.19E-06	1.29E-06	1.21E-06	1.23E-06	1.29E-06	1.12E-06	1.19E-06	1.22E-06	1.29E-06
RAD WASTE VENT	RAD WASTE VENT														
GHRE 19A - P	(1.0 E-12 - 1.0 E-7)	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12	3.57E-12
GHRE 19A - I	(1.0 E-11 - 1.0 E-6)	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11	5.36E-11
GHRE 19B - G	(1.0 E-7 - 1.0 E-2)	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06
UNIT VENT															
GTRE 21A - P	(1.0 E-12 - 1.0 E-7)	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12	1.00E-12
GTRE 21A - I	(1.0 E-11 - 1.0 E-6)	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11	1.00E-11
GTRE 21B - G	(1.0 E-7 - 1.0 E-2)	1.01E-06	1.09E-06	9.89E-07	9.55E-07	1.07E-06	9.55E-07	1.13E-06	9.91E-07	1.15E-06	1.14E-06	9.85E-07	1.31E-06	1.14E-06	1.14E-06
MINI PURGE															
GTRE 22/33 - P	(1.0 E-12 - 1.0 E-7)	4.95E-10	4.96E-10	5.14E-10	4.99E-10	4.79E-10	4.85E-10	4.82E-10	4.82E-10	4.62E-10	5.26E-10	4.94E-10	4.59E-10	4.96E-10	5.16E-10
GTRE 22/33 - I	(1.0 E-11 - 1.0 E-6)	1.80E-08	1.75E-08	1.86E-08	1.78E-08	1.93E-08	1.73E-08	1.73E-08	1.89E-08	1.70E-08	1.85E-08	1.72E-08	1.62E-08	1.77E-08	1.91E-08
GTRE 22/33 - G	(1.0 E-7 - 1.0 E-2)	1.53E-07	1.47E-07	1.39E-07	1.32E-07	1.23E-07	1.46E-07	1.32E-07	1.22E-07	1.27E-07	1.35E-07	1.31E-07	1.20E-07	1.17E-07	1.19E-07
FUEL BLDG EXHAUST															
GGRE 27/28 - P	(1.0 E-12 - 1.0 E-7)	1.00E-12	1.00E-12	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07
GGRE 27/28 - I	(1.0 E-11 - 1.0 E-6)	1.00E-11	1.00E-11	2.03E-07	1.77E-07	1.96E-07	1.67E-07	1.73E-07	2.09E-07	1.70E-07	1.83E-07	2.00E-07	1.80E-07	1.76E-07	1.76E-07
GGRE 27/28 - G	(1.0 E-7 - 1.0 E-2)	1.14E-06	1.23E-06	1.80E-02	1.00E-02	1.80E-02	1.00E-02	1.80E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02
CONTAINMENT ATMOSPHERE															
GTRE 31/32 - P	(1.0 E-12 - 1.0 E-7)	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07
GTRE 31/32 - I	(1.0 E-11 - 1.0 E-6)	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06
GTRE 31/32 - G	(1.0 E-7 - 1.0 E-2)	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02
RAD WASTE EXHAUST															
GHRE 22 - P	(1.0 E-12 - 1.0 E-7)	3.72E-12	3.87E-12	3.78E-12	3.48E-12	3.30E-12	4.05E-12	3.99E-12	4.17E-12	3.93E-12	3.54E-12	3.75E-12	3.81E-12	3.87E-12	3.42E-12
ACCESS CONTROL															
GKRE 41 - P	(1.0 E-12 - 1.0 E-7)	3.90E-12	3.39E-12	3.42E-12	3.39E-12	3.30E-12	3.42E-12	3.36E-12	4.02E-12	3.90E-12	3.90E-12	3.80E-12	3.89E-12	3.80E-12	3.33E-12
AUX BLDG EXHAUST															
GLRE 60 - P	(1.0 E-12 - 1.0 E-7)	1.15E-10	1.16E-10	1.37E-10	1.39E-10	1.41E-10	1.30E-10	1.33E-10	1.10E-10	1.25E-10	1.29E-10	1.32E-10	1.24E-10	1.22E-10	1.18E-10
ABRE 114 - SG A(mR/hr) *		0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02
ABRE 113 - SG B(mR/hr) *		0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
ABRE 112 - SG C(mR/hr) *		0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02
ABRE 111 - SG D(mR/hr) *		0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02	0.010	1.00E-02
FCRE 305 Aux. TT.(mR/hr) *		0.252	0.252	0.254	0.265	0.267	0.271	0.262	0.264	0.257	0.251	0.253	0.253	0.254	0.252
GTRE 8960(R/hr) (ARAD2)	CHARMS	1.77E+03	2.11E+03	2.99E+03	3.40E+03	3.63E+03	3.78E+03	3.84E+03	3.69E+03	3.74E+03	3.58E+03	3.43E+03	2.17E+04	2.10E+04	2.04E+04
CONDENSER OFF GAS															
GERE 92 - G (RM-11, 925)	(1.0 E-7 - 1.0 E-2)	4.20E-07	4.82E-07	4.87E-07	4.69E-07	4.39E-07	4.62E-07	4.36E-07	4.36E-07	4.76E-07	4.84E-07	4.27E-07	4.07E-07	4.26E-07	4.30E-07
GAS DECAY TK DISCHARGE															
GHRE 23 - G (RM-11, 235)	(1.0 E-7 - 1.0 E-2)	2.29E-06	2.41E-06	4.30E-06	2.49E-06	2.49E-06	4.83E-06	3.94E-06	3.21E-06	3.11E-06	4.45E-06	3.17E-06	3.82E-06	4.76E-06	2.22E-06
UNIT VENT	NOBLE GAS(R/hr)	4.16E+00	4.53E+00	4.11E+00	3.39E+00	4.04E+00	3.19E+00	4.77E+00	4.11E+00	4.78E+00	4.74E+00	4.07E+00	9.34E+00	8.13E+00	8.13E+00

LIQUID PROCESS MONITOR DATA (Page 1 of 2)

Relative(HR:MN)			0:15	0:00	0:15	0:30	0:45	1:00	1:15	1:30	1:45	2:00	2:15	2:30	2:45	3:00	3:15
Actual(HR:MN) AM			7:45	8:00	8:15	8:30	8:45	9:00	9:15	9:30	9:45	10:00	10:15	10:30	10:45	11:00	11:15
Actual(HR:MN)			11:45	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45	15:00	15:15
Time since RX Trip			0:00	0:00	0:00	0:00	0:00	0:00	0:15	0:30	0:45	1:00	1:15	1:30	1:45	2:00	2:15
Monitor																	
SJRE 01	(016)	CVCS Letdown	5.18E+01	5.18E+01	5.18E+01	5.18E+01	5.18E+01	5.18E+01	5.18E+01	3.27E+01	1.70E+03	1.70E+03	1.70E+03	1.70E+03	1.70E+03	1.70E+03	1.70E+03
SJRE 02	(026)	S/G Liquid	2.67E-05	2.67E-05	2.69E-05	2.73E-05	2.75E-05	2.75E-05	2.71E-05	2.73E-05	2.73E-05	2.73E-05	2.69E-05	2.64E-05	2.69E-05	2.73E-05	2.71E-05
BMRE 25	(256)	S/G Blowdn Process	5.12E-07	5.12E-07	5.08E-07	5.05E-07	5.13E-07	5.18E-07	5.18E-07	5.17E-07	5.27E-07	5.20E-07	5.21E-07	5.22E-07	5.22E-07	5.16E-07	5.12E-07
BMRE 52	(526)	S/G Blowdown Dischg	3.48E-07	3.48E-07	3.43E-07	3.40E-07	3.44E-07	3.41E-07	3.38E-07	3.36E-07	3.39E-07	3.45E-07	3.49E-07	3.51E-07	3.50E-07	3.46E-07	3.48E-07
FBRE 59	(506)	Aux. Steam Cond. Recovery Tank	4.22E-07	4.23E-07	4.19E-07	4.20E-07	4.14E-07	4.09E-07	4.18E-07	4.16E-07	4.08E-07	4.06E-07	4.11E-07	4.12E-07	4.05E-07	4.05E-07	4.01E-07
HFRE 45	(456)	Sec. Liquid Waste	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07
HBRE18	(186)	Liquid Waste Dischg	6.71E-05	6.71E-05	6.63E-05	6.69E-05	6.70E-05	6.60E-05	6.48E-05	6.43E-05	6.51E-05	6.49E-05	6.46E-05	6.53E-05	6.47E-05	6.41E-05	6.50E-05
LERE 59	(596)	Turbine Bldg. Drain	2.00E-07	2.00E-07	1.99E-07	2.01E-07	2.01E-07	1.99E-07	2.02E-07	2.00E-07	1.97E-07	1.95E-07	1.96E-07	1.93E-07	1.91E-07	1.90E-07	1.94E-07
(High Setpoint 3.0E-07)																	
EGRE 9/10 (096 / 106)		CCW	2.74E-07	2.74E-07	2.79E-07	2.84E-07	2.89E-07	2.88E-07	2.83E-07	2.86E-07	2.81E-07	2.77E-07	2.82E-07	2.82E-07	2.85E-07	2.82E-07	2.86E-07
HFRE 95	(956)	Waste Water Trtment	2.00E-07	2.00E-07	2.01E-07	1.97E-07	1.93E-07	1.90E-07	1.89E-07	1.89E-07	1.86E-07	1.87E-07	1.84E-07	1.86E-07	1.89E-07	1.91E-07	1.88E-07
(High Setpoint 1.0E-05)																	

LOW END OF SCALE ALERT HIGH END OF SCALE
NORMAL READING ALARM

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LIQUID PROCESS MONITOR DATA (Page 2 of 2)

Relative(HR:MN)		3:30	3:45	4:00	4:15	4:30	4:45	5:00	5:15	5:30	5:45	6:00	6:15	6:30	6:45
Actual(HR:MN) AM		11:30	11:45	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45
Actual(HR:MN)		15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45
Time since RX Trip		2:30	2:45	3:00	3:15	3:30	3:45	4:00	4:15	4:30	4:45	5:00	5:15	5:30	
Monitor															
SJRE 01 (016)	CVCS Letdown	1.70E+03	1.70E+03	1.70E+03	1.70E+03	1.70E+03	1.70E+03	1.70E+03	1.70E+03	1.70E+03	1.70E+03	1.70E+03	1.70E+03	1.70E+03	
SJRE 02 (026)	S/G Liquid	2.69E-05	2.68E-05	2.67E-05	2.65E-05	2.67E-05	2.71E-05	2.67E-05	2.71E-05	2.73E-05	2.69E-05	2.73E-05	2.76E-05	2.75E-05	
BMRE 25 (256)	S/G Blowdn Process	5.13E-07	5.15E-07	5.12E-07	5.05E-07	5.10E-07	5.09E-07	5.03E-07	5.11E-07	5.05E-07	4.96E-07	4.96E-07	4.89E-07	4.83E-07	
BMRE 52 (526)	S/G Blowdown Dischg	3.50E-07	3.56E-07	3.56E-07	3.54E-07	3.47E-07	3.48E-07	3.42E-07	3.49E-07	3.43E-07	3.37E-07	3.38E-07	3.37E-07	3.38E-07	
FBRE 50 (506)	Aux. Steam Cond. Recovery Tank	4.01E-07	4.06E-07	4.10E-07	4.11E-07	4.18E-07	4.23E-07	4.20E-07	4.15E-07	4.18E-07	4.18E-07	4.14E-07	4.21E-07	4.15E-07	
HFRE 45 (456)	Sec. Liquid Waste	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07	
HBRE18 (186)	Liquid Waste Dischg	6.41E-05	6.51E-05	6.41E-05	6.41E-05	6.34E-05	6.43E-05	6.51E-05	6.44E-05	6.52E-05	6.40E-05	6.53E-05	6.66E-05	6.77E-05	
LERE 59 (596)	Turbine Bldg. Drain	1.97E-07	2.01E-07	2.04E-07	2.02E-07	2.04E-07	2.07E-07	2.06E-07	2.03E-07	2.07E-07	2.03E-07	1.99E-07	1.96E-07	1.97E-07	
(High Setpoint 3.0E-07)															
EGRE 9/10 (096 / 106)	CCW	2.83E-07	2.87E-07	2.89E-07	2.90E-07	2.89E-07	2.85E-07	2.86E-07	2.89E-07	2.94E-07	2.99E-07	2.97E-07	2.94E-07	2.92E-07	
HFRE 95 (956)	Waste Water Trtment	1.84E-07	1.82E-07	1.85E-07	1.84E-07	1.88E-07	1.88E-07	1.91E-07	1.94E-07	1.92E-07	1.93E-07	1.92E-07	1.92E-07	1.91E-07	
(High Setpoint 1.0E-05)															

LOW END OF SCALE ALERT HIGH END OF SCALE
NORMAL READING ALARM

TURBINE BUILDING SUMP (Page 1 of 2)

Time																	
Relative(HR:MN)	-0:15	0:00	0:15	0:30	0:45	T/O	1:00	1:15	1:30	1:45	2:00	2:15	2:30	2:45	3:00	3:15	3:30
Actual(HR:MN) AM	7:45	8:00	8:15	8:30	8:45	9:00	9:15	9:30	9:45	10:00	10:15	10:30	10:45	11:00	11:15	11:30	11:45
Actual(HR:MN) PM	11:45	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45	15:00	15:15	15:30	15:45
Nuclide																	
Ar-41	< 4.34E-08	< 4.34E-08	< 4.34E-08	< 4.34E-08	< 4.34E-08	< 4.34E-08	< 4.34E-08	< 4.34E-08	< 4.34E-08	< 4.34E-08	< 4.34E-08	< 4.34E-08	4.52E-08	5.59E-08	6.55E-08	7.46E-08	8.85E-08
Kr-85m	< 3.01E-08	< 3.01E-08	< 3.01E-08	< 3.01E-08	< 3.01E-08	< 3.01E-08	< 3.01E-08	< 3.01E-08	3.77E-06	6.89E-06	7.51E-06	8.73E-06	9.38E-06	1.11E-05	1.26E-05	1.38E-05	1.57E-05
Kr-85	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06
Kr-87	< 1.51E-07	< 1.51E-07	< 1.51E-07	< 1.51E-07	< 1.51E-07	< 1.51E-07	< 1.51E-07	< 1.51E-07	5.99E-06	9.93E-06	9.82E-06	1.03E-05	1.01E-05	1.09E-05	1.11E-05	1.11E-05	1.14E-05
Kr-88	< 1.16E-07	< 1.16E-07	< 1.16E-07	< 1.16E-07	< 1.16E-07	< 1.16E-07	< 1.16E-07	< 1.16E-07	9.83E-06	1.76E-05	1.87E-05	2.13E-05	2.24E-05	2.60E-05	2.87E-05	3.07E-05	3.43E-05
Xe-133m	< 2.12E-07	< 2.12E-07	< 2.12E-07	< 2.12E-07	< 2.12E-07	< 2.12E-07	< 2.12E-07	< 2.12E-07	9.18E-07	1.74E-06	1.96E-06	2.36E-06	2.63E-06	3.24E-06	3.79E-06	4.30E-06	5.09E-06
Xe-133	< 4.34E-07	< 4.34E-07	< 4.34E-07	< 4.34E-07	< 4.34E-07	< 4.34E-07	< 4.34E-07	< 4.34E-07	2.97E-05	5.63E-05	6.37E-05	7.68E-05	8.57E-05	1.06E-04	1.24E-04	1.41E-04	1.67E-04
Xe-135m	< 2.74E-08	< 2.74E-08	< 2.74E-08	< 2.74E-08	< 2.74E-08	< 2.74E-08	< 2.74E-08	< 2.74E-08	1.48E-06	1.43E-06	8.26E-07	5.07E-07	2.88E-07	1.81E-07	1.08E-07	6.24E-08	3.76E-08
Xe-135	< 8.34E-08	< 8.34E-08	< 8.34E-08	< 8.34E-08	< 8.34E-08	< 8.34E-08	< 8.34E-08	< 8.34E-08	6.90E-06	1.29E-05	1.43E-05	1.69E-05	1.86E-05	2.25E-05	2.59E-05	2.90E-05	3.37E-05
Total Noble Gas	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05	1.07E-04	1.17E-04	1.37E-04	1.49E-04	1.80E-04	2.06E-04	2.30E-04	2.67E-04
I-131	< 3.17E-08	< 3.17E-08	< 3.17E-08	< 3.17E-08	< 3.17E-08	< 3.17E-08	< 3.17E-08	< 3.17E-08	< 3.17E-08	3.69E-08	4.12E-08	4.91E-08	5.41E-08	6.58E-08	7.62E-08	8.55E-08	1.00E-07
I-132	< 5.39E-08	< 5.39E-08	< 5.39E-08	< 5.39E-08	< 5.39E-08	< 5.39E-08	< 5.39E-08	< 5.39E-08	6.15E-07	1.17E-06	1.32E-06	1.59E-06	1.78E-06	2.19E-06	2.57E-06	2.92E-06	3.47E-06
I-133	< 3.51E-08	< 3.51E-08	< 3.51E-08	< 3.51E-08	< 3.51E-08	< 3.51E-08	< 3.51E-08	< 3.51E-08	7.68E-07	1.35E-06	1.42E-06	1.59E-06	1.65E-06	1.89E-06	2.05E-06	2.17E-06	2.39E-06
I-134	< 2.89E-07	< 2.89E-07	< 2.89E-07	< 2.89E-07	< 2.89E-07	< 2.89E-07	< 2.89E-07	< 2.89E-07	1.25E-06	2.35E-06	2.64E-06	3.16E-06	3.51E-06	4.29E-06	5.00E-06	5.64E-06	6.64E-06
I-135	< 2.34E-07	< 2.34E-07	< 2.34E-07	< 2.34E-07	< 2.34E-07	< 2.34E-07	< 2.34E-07	< 2.34E-07	9.44E-07	1.47E-06	1.37E-06	1.35E-06	1.24E-06	1.26E-06	1.21E-06	1.13E-06	1.10E-06
Total Iodine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-06	6.38E-06	6.79E-06	7.75E-06	8.23E-06	9.69E-06	1.09E-05	1.19E-05	1.37E-05
Rb-88	< 2.77E-08	< 2.77E-08	< 2.77E-08	< 2.77E-08	< 2.77E-08	< 2.77E-08	< 2.77E-08	< 2.77E-08	< 2.77E-08	< 2.77E-08	< 2.77E-08	< 2.77E-08	< 2.77E-08	< 2.77E-08	2.87E-06	3.07E-06	3.43E-06
Cs-134	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	5.25E-08	6.46E-08	7.59E-08	8.62E-08	1.02E-07
Cs-136	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08
Cs-137	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08
Cs-138	< 5.34E-08	< 5.34E-08	< 5.34E-08	< 5.34E-08	< 5.34E-08	< 5.34E-08	< 5.34E-08	< 5.34E-08	< 5.34E-08	< 5.34E-08	< 5.34E-08	< 5.34E-08	< 5.34E-08	< 5.34E-08	< 5.34E-08	5.82E-08	6.90E-08
La-140	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08	< 3.09E-08
Ba-140	< 2.28E-08	< 2.28E-08	< 2.28E-08	< 2.28E-08	< 2.28E-08	< 2.28E-08	< 2.28E-08	< 2.28E-08	< 2.28E-08	< 2.28E-08	< 2.28E-08	< 2.28E-08	< 2.28E-08	< 2.28E-08	< 2.28E-08	2.33E-08	2.76E-08
Ce-144	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08	< 2.81E-08
Total Particulate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-08	6.46E-08	2.95E-06	3.24E-06	3.63094E-06
Total Activity	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05	1.13E-04	1.24E-04	1.45E-04	1.57E-04	1.89E-04	2.20E-04	2.45E-04	2.85E-04

TURBINE BUILDING SUMP (Page 2 of 2)

Time													
Relative(HR:MN)	3:45	4:00	4:15	4:30	4:45	5:00	5:15	5:30	5:45	6:00	6:15	6:30	6:45
Actual(HR:MN) AM	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45	15:00
Actual(HR:MN) PM	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00
Nuclide													
Ar-41	8.85E-08	8.86E-08	8.61E-08	8.40E-08	8.23E-08	8.10E-08	7.97E-08	7.85E-08	7.73E-08	7.57E-08	1.48E-07	1.44E-07	1.38E-07
Kr-85m	1.57E-05	1.52E-05	1.42E-05	1.33E-05	1.25E-05	1.19E-05	1.12E-05	1.07E-05	1.01E-05	9.51E-06	1.79E-05	1.67E-05	1.54E-05
Kr-85	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06	< 9.29E-06
Kr-87	1.14E-05	9.99E-06	8.48E-06	7.21E-06	6.16E-06	5.29E-06	4.55E-06	3.91E-06	3.36E-06	2.87E-06	4.90E-06	4.14E-06	3.46E-06
Kr-88	3.43E-05	3.23E-05	2.96E-05	2.71E-05	2.50E-05	2.31E-05	2.14E-05	1.99E-05	1.84E-05	1.70E-05	3.12E-05	2.85E-05	2.57E-05
Xe-133m	5.09E-06	5.06E-06	4.92E-06	4.78E-06	4.67E-06	4.58E-06	4.49E-06	4.41E-06	4.33E-06	4.23E-06	8.24E-06	7.97E-06	7.61E-06
Xe-133	1.67E-04	1.67E-04	1.62E-04	1.58E-04	1.54E-04	1.52E-04	1.49E-04	1.47E-04	1.44E-04	1.41E-04	2.75E-04	2.67E-04	2.55E-04
Xe-135m	3.76E-06	< 2.74E-06	< 2.74E-06	< 2.74E-06	< 2.74E-06	< 2.74E-06	< 2.74E-06	< 2.74E-06	< 2.74E-06	< 2.74E-06	< 2.74E-06	< 2.74E-06	< 2.74E-06
Xe-135	3.37E-05	3.31E-05	3.16E-05	3.02E-05	2.91E-05	2.81E-05	2.71E-05	2.62E-05	2.53E-05	2.43E-05	4.67E-05	4.44E-05	4.17E-05
Total Noble Gas	2.67E-04	2.63E-04	2.51E-04	2.40E-04	2.32E-04	2.25E-04	2.18E-04	2.12E-04	2.06E-04	1.99E-04	3.85E-04	3.69E-04	3.49E-04
I-131	1.00E-07	9.87E-08	9.46E-08	9.10E-08	8.79E-08	8.54E-08	8.28E-08	8.05E-08	7.81E-08	7.55E-08	1.82E-06	1.74E-06	1.64E-06
I-132	3.47E-06	3.47E-06	3.37E-06	3.28E-06	3.21E-06	3.16E-06	3.11E-06	3.06E-06	3.01E-06	2.94E-06	7.19E-05	6.97E-05	6.67E-05
I-133	2.39E-06	2.21E-06	2.00E-06	1.81E-06	1.64E-06	1.50E-06	1.37E-06	1.25E-06	1.14E-06	1.04E-06	2.35E-05	2.11E-05	1.88E-05
I-134	6.64E-06	6.59E-06	6.35E-06	6.14E-06	5.97E-06	5.82E-06	5.68E-06	5.56E-06	5.42E-06	5.27E-06	1.28E-04	1.23E-04	1.17E-04
I-135	1.10E-06	9.06E-07	7.23E-07	5.79E-07	4.65E-07	3.76E-07	3.04E-07	2.45E-07	< 2.34E-07	< 2.34E-07	3.20E-06	2.55E-06	2.00E-06
Total Iodine	1.37E-05	1.33E-05	1.25E-05	1.19E-05	1.14E-05	1.09E-05	1.05E-05	1.02E-05	9.65E-06	9.32E-06	2.28E-04	2.18E-04	2.06E-04
Rb-88	3.43E-06	3.23E-06	2.96E-06	< 2.77E-06	< 2.77E-06	< 2.77E-06	< 2.77E-06	< 2.77E-06	< 2.77E-06	< 2.77E-06	3.12E-06	2.85E-06	< 2.77E-06
Cs-134	1.02E-07	1.02E-07	9.94E-08	9.70E-08	9.50E-08	9.35E-08	9.20E-08	9.07E-08	8.92E-08	8.74E-08	2.14E-06	2.07E-06	1.99E-06
Cs-136	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08	< 4.95E-08
Cs-137	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	< 4.88E-08	5.87E-07	5.69E-07	5.45E-07
Cs-138	6.90E-06	6.90E-06	6.71E-06	6.55E-06	6.41E-06	6.31E-06	6.21E-06	6.12E-06	6.02E-06	5.90E-06	1.44E-06	1.40E-06	1.34E-06
La-140	< 3.09E-06	< 3.09E-06	< 3.09E-06	< 3.09E-06	< 3.09E-06	< 3.09E-06	< 3.09E-06	< 3.09E-06	< 3.09E-06	< 3.09E-06	2.89E-07	2.80E-07	2.68E-07
Ba-140	2.76E-06	2.76E-06	2.68E-06	2.62E-06	2.57E-06	2.52E-06	2.48E-06	2.45E-06	2.41E-06	2.36E-06	5.77E-07	5.60E-07	5.36E-07
Ce-144	< 2.81E-06	< 2.81E-06	< 2.81E-06	< 2.81E-06	< 2.81E-06	< 2.81E-06	< 2.81E-06	< 2.81E-06	< 2.81E-06	< 2.81E-06	3.17E-07	3.08E-07	2.95E-07
Total Particulate	3.63E-06	3.43E-06	3.15E-06	1.89E-07	1.85E-07	1.82E-07	1.79E-07	1.76E-07	1.74E-07	1.70E-07	8.47E-06	8.04E-06	4.97E-06
Total Activity	2.85E-04	2.79E-04	2.66E-04	2.53E-04	2.43E-04	2.36E-04	2.29E-04	2.22E-04	2.16E-04	2.08E-04	6.21E-04	5.95E-04	5.60E-04

METEOROLOGICAL DATA (MET) (Page 1 of 2)

TIME (RELATIVE)	7:45	8:00	8:15	8:30	8:45	9:00	9:15	9:30	9:45	10:00	10:15	10:30	10:45	11:00	11:15	11:30	11:45	12:00	12:15	12:30	12:45
Actual(HR:MN) AM	7:45	8:00	8:15	8:30	8:45	9:00	9:15	9:30	9:45	10:00	10:15	10:30	10:45	11:00	11:15	11:30	11:45	12:00	12:15	12:30	12:45
Actual(HR:MN) PM	11:45	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45
WIND SPEED (KPH)																					
10M	20.8	20.8	21.8	21.5	21.3	20.8	20.1	21.1	21.3	20.8	20.6	21.6	20.6	21.1	20.8	21.3	20.3	20.8	20.3	20.8	21.3
35M	19.2	19.2	23.0	22.7	22.5	22.0	21.3	22.3	22.5	22.0	21.8	22.8	21.8	22.3	22.0	22.5	21.5	22.0	21.5	22.0	22.5
60M	24.8	24.8	23.8	23.5	23.3	22.8	22.1	23.1	23.3	22.8	22.6	23.6	22.6	23.1	22.8	23.3	22.3	22.8	22.3	22.8	23.3
WIND SPEED (MPH)																					
10M	13.0	13.0	13.6	13.4	13.3	13.0	12.5	13.2	13.3	13.0	12.8	13.5	12.8	13.2	13.0	13.3	12.7	13.0	12.7	13.0	13.3
35M	12.0	12.0	14.4	14.2	14.1	13.8	13.3	13.9	14.1	13.8	13.6	14.2	13.6	13.9	13.8	14.1	13.4	13.8	13.4	13.8	14.1
60M	15.5	15.5	14.9	14.7	14.6	14.3	13.8	14.4	14.6	14.3	14.1	14.7	14.1	14.4	14.3	14.6	13.9	14.3	13.9	14.3	14.6
WIND DIR																					
10M (DEG FROM)	68	68	70	68	67	69	66	68	66	69	71	69	67	66	68	69	68	69	71	70	72
35M (DEG FROM)	83	83	85	83	82	84	81	83	81	84	86	84	82	81	83	84	83	84	86	85	87
60M (DEG FROM)	90	90	92	90	89	91	88	90	88	91	93	91	89	88	90	91	90	91	93	92	94
WIND DIR (DEG TO)																					
10M (DEG TO)	248	248	250	248	247	249	246	248	246	249	251	249	247	246	248	249	248	249	251	250	252
35M (DEG TO)	263	263	265	263	262	264	261	263	261	264	266	264	262	261	263	264	263	264	266	265	267
60M (DEG TO)	270	270	272	270	269	271	268	270	268	271	273	271	269	268	270	271	270	271	273	272	274
WIND DIR VAR																					
10M (DEG)	8.7	8.7	12.7	13.0	13.0	13.4	13.4	13.4	13.6	13.6	13.6	13.6	13.6	13.6	13.6	14.1	14.3	14.5	14.8	15.0	13.0
60M (DEG)	9.0	9.0	12.5	12.8	12.8	13.1	13.1	13.1	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.8	13.7	13.8	13.9	14.0	12.8
VERT TEMP DIFF																					
10-35M (DEG C)	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3
10-60M (DEG C)	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
10-85M (DEG C)	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
VERT TEMP DIFF																					
10-35M (DEG F)	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5
10-60M (DEG F)	0.5	0.5	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
10-85M (DEG F)	0.7	0.7	0.6	0.6	0.6	0.7	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
DEW POINT																					
10M (DEG C)	18.7	18.7	18.1	18.2	18.6	17.2	17.4	17.7	18.2	18.4	18.7	18.9	18.7	18.9	18.3	18.6	19.1	19.3	19.6	19.9	22.6
10M (DEG F)	65.6	65.6	64.7	64.8	65.5	62.9	63.4	63.8	64.7	65.1	65.7	66.1	65.7	66.1	64.9	65.6	66.5	66.8	67.3	67.9	72.7
REF TEMP																					
10M (DEG C)	17.8	17.8	18.0	18.4	18.9	19.1	19.3	19.7	20.2	20.4	20.7	20.9	20.7	20.9	20.6	21.0	21.5	21.7	21.9	22.3	22.8
10M (DEG F)	64.0	64.0	64.5	65.1	66.0	66.3	66.8	67.4	68.3	68.7	69.3	69.7	69.3	69.7	69.1	69.8	70.7	71.0	71.5	72.1	73.0
PRECIP (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAB CLASS	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E

METEOROLOGICAL DATA (MET) (Page 2 of 2)

TIME (RELATIVE)	5:00	5:15	5:30	5:45	6:00	6:15	6:30	6:45	7:00	7:15	7:30	7:45	8:00	8:15	8:30	8:45	9:00	9:15
Actual(HR:MN) AM	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15
Actual(HR:MN) PM	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15
WIND SPEED (KPH)																		
10M	20.8	21.5	20.7	21.1	20.6	20.1	20.4	20.9	21.4	20.9	20.4	20.5	21.0	20.7	21.2	20.7	21.2	21.0
35M	22.0	22.7	21.9	22.3	21.8	21.3	21.6	22.1	22.6	22.1	21.6	21.7	22.2	21.9	22.4	21.9	22.4	22.2
60M	22.8	23.5	22.7	23.1	22.6	22.1	22.4	22.9	23.4	22.9	22.4	22.5	23.0	22.7	23.2	22.7	23.2	23.0
WIND SPEED (MPH)																		
10M	13.0	13.4	12.9	13.2	12.9	12.6	12.7	13.0	13.3	13.0	12.7	12.8	13.1	12.9	13.3	12.9	13.3	13.1
35M	13.8	14.2	13.7	13.9	13.6	13.3	13.5	13.8	14.1	13.8	13.5	13.5	13.8	13.7	14.0	13.7	14.0	13.8
60M	14.3	14.7	14.2	14.4	14.1	13.8	14.0	14.3	14.6	14.3	14.0	14.0	14.3	14.2	14.5	14.2	14.5	14.3
WIND DIR																		
10M (DEG FROM)	73	72	71	73	71	72	71	72	70	71	72	70	73	74	72	73	71	72
35M (DEG FROM)	88	87	86	88	86	87	86	87	85	86	87	85	88	89	87	88	86	87
60M (DEG FROM)	95	94	93	95	93	94	93	94	92	93	94	92	95	96	94	95	93	94
WIND DIR (DEG TO)																		
10M (DEG TO)	253	252	251	253	251	252	251	252	250	251	252	250	253	254	252	253	251	252
35M (DEG TO)	268	267	266	268	266	267	266	267	265	266	267	265	268	269	267	268	266	267
60M (DEG TO)	275	274	273	275	273	274	273	274	272	273	274	272	275	276	274	275	273	274
WIND DIR VAR																		
10M (DEG)	13.0	13.4	13.4	13.4	13.6	13.6	13.6	14.1	14.3	14.5	14.8	15.0	15.0	15.0	15.0	15.0	15.0	15.0
60M (DEG)	12.6	13.1	13.1	13.1	13.4	13.4	13.4	13.6	13.7	13.8	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0
VERT TEMP DIFF																		
10-35M (DEG C)	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10-60M (DEG C)	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
10-85M (DEG C)	-0.3	-0.3	-0.3	-0.5	-0.5	-0.4	-0.5	-0.5	-0.5	-0.5	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
VERT TEMP DIFF																		
10-35M (DEG F)	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
10-60M (DEG F)	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
10-85M (DEG F)	-0.5	-0.5	-0.6	-0.9	-0.9	-0.8	-0.8	-0.8	-0.9	-0.9	-0.8	-0.8	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9
DEW POINT																		
10M (DEG C)	22.7	21.3	21.7	22.1	22.3	22.5	22.5	23.0	23.3	23.6	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5
10M (DEG F)	72.9	70.4	71.0	71.7	72.1	72.6	72.6	73.5	73.9	74.6	75.5	75.8	76.2	76.5	76.9	77.3	77.6	78.0
REF TEMP																		
10M (DEG C)	23.0	23.2	23.6	24.1	24.3	24.5	24.9	25.4	25.6	26.0	26.5	26.7	26.9	27.1	27.3	27.5	27.7	27.9
10M (DEG F)	73.4	73.8	74.4	75.3	75.7	76.2	76.8	77.7	78.1	78.8	79.7	80.0	80.4	80.7	81.1	81.5	81.8	82.2
PRECIP (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAB CLASS	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E

CH3

AREA RADIATION MONITORS (ARAD2) (Page 1 of 2)

	TIME (RELATIVE)	8:15	8:00	8:15	8:30	8:45	9:00	9:15	9:30	9:45	10:00	10:15	10:30	10:45	11:00	11:15	11:30	11:45
	Actual(HR:MN) AM	7:45	8:00	8:15	8:30	8:45	9:00	9:15	9:30	9:45	10:00	10:15	10:30	10:45	11:00	11:15	11:30	11:45
	Actual(HR:MN) PM	11:45	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45	15:00	15:15	15:30	15:45
MONITOR		DOSE RATE																
(SDRE)	LOCATION	(mR/hr)																
01	RWSTE BLDG CORR, BASEMENT (W)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
02	RWSTE BLDG CORR, BASEMENT (Cntl)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
03	RWSTE BLDG CORR, BASEMENT (E)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
04	RWSTE BLDG CORR, 2000' (W)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
05	RWSTE BLDG CORR, 2000' (Cntl)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
06	SOLID RADWASTE AREA, 2000'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
07	RWSTE BLDG TRUCK SPACE, 2000'	0.2	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0
08	RWSTE BLDG SAMPLE LAB	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
09	RWSTE BLDG VLVE RM CORR, 2047' (E)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	RWSTE BLDG VLVE RM CORR, 2047' (W)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	RWSTE BLDG HVAC FILTER UNIT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	AUX BLDG CORR, BSMENT 1974' (SE)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
13	AUX BLDG CORR, BSMENT 1974' (NE)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
14	AUX BLDG CORR, BSMENT 1974' (N)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	AUX BLDG CORR, BSMENT 1974' (W)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	AUX BLDG CORR, BSMENT 1974' (SW)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	NON-RAD PIPE TUN & PERS ACC 1974'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	AUX BLDG GRND FLR CORR 2000' (N)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	AUX BLDG GRND FLR CORR 2000' (SE)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	AUX BLDG VLVE RM CORR 2000' (S)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	AUX BLDG VLVE RM CORR 2000' (S)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	AUX BLDG GRND FLR 2000' (SW)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	AUX BLDG GRND FLR 2000' (W)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	AUX BLDG SAMPLING RM 2000' (Cntl)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.8	272.8	489.0	532.4	621.0	675.1	813.8	939.0	1053.7	1236.3
25	AUX BLDG VENT FILTER	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	RHR HEAT EXCHANGER OUTSIDE 2026'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	CONT PURGE EXHST FILT UNIT 2047'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	CONT PERSONNEL HATCH 2047'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	HOT MACHINE SHOP	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	HOT INSTRUMENT SHOP	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	CONTROL BLDG HOT LAB	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32	CONTROL BLDG CORRIDOR	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
33	CONTROL ROOM 2047'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
34	CASK HANDLING AREA 2000'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
35	NEW FUEL STORAGE 2026'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
36	NEW FUEL STORAGE CORRIDOR 2026'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
37	SPENT FUEL POOL AREA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
38	SPENT FUEL POOL AREA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
39	SEAL TABLE AREA 2026' (N)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	152.1	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0
40	PERS HATCH AREA INSIDE 2047' (SW)	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	286.2	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0
41	CONTAINMENT BLDG 2047' (NW)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	304.2	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0
42	CONTAINMENT BLDG 2047' (E)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	313.8	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0
47	PASS SAMPLING ROOM 2000' (R/ Hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	TECHNICAL SUPPORT CENTER	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
44	EMERGENCY OPERATIONS FACILITY	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		LOW END OF SCALE				ALERT		HIGH END OF SCALE										
		NORMAL READING				ALARM												

CLH

AREA RADIATION MONITORS (ARAD2) (Page 2 of 2)

	TIME (RELATIVE)	4:00	4:15	4:30	4:45	5:00	5:15	5:30	5:45	6:00	6:15	6:30	6:45
	Actual(HR:MN) AM	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45
	Actual(HR:MN) PM	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45
MONITOR		DOSE RATE											
(SDRE)	LOCATION	(mR/hr)											
01	RWSTE BLDG CORR, BASEMENT (W)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
02	RWSTE BLDG CORR, BASEMENT (Cntl)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
03	RWSTE BLDG CORR, BASEMENT (E)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
04	RWSTE BLDG CORR, 2000' (W)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
05	RWSTE BLDG CORR, 2000' (Cntl)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
06	SOLID RADWASTE AREA, 2000'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
07	RWSTE BLDG TRUCK SPACE, 2000'	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0	310.0
08	RWSTE BLDG SAMPLE LAB	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
09	RWSTE BLDG VLVE RM CORR, 2047' (E)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	RWSTE BLDG VLVE RM CORR, 2047' (W)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	RWSTE BLDG HVAC FILTER UNIT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	AUX BLDG CORR, BSMENT 1974' (SE)	1.6	1.6	1.6	1.6	1.6	4.5	4.4	4.3	4.2	10.4	10.1	10.0
13	AUX BLDG CORR, BSMENT 1974' (NE)	0.8	0.8	0.8	0.8	0.8	6.7	6.5	6.3	6.0	9.1	9.0	8.9
14	AUX BLDG CORR, BSMENT 1974' (N)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	AUX BLDG CORR, BSMENT 1974' (W)	0.2	0.2	0.2	0.2	0.2	149.0	142.9	137.0	131.5	334.1	327.5	322.8
16	AUX BLDG CORR, BSMENT 1974' (SW)	0.2	0.2	0.2	0.2	0.2	79.5	76.2	73.1	70.1	171.4	168.2	165.8
17	NON-RAD PIPE TUN & PERS ACC 1974'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	AUX BLDG GRND FLR CORR 2000' (N)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	5.1	5.0	4.8
19	AUX BLDG GRND FLR CORR 2000' (SE)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	AUX BLDG VLVE RM CORR 2000' (S)	0.2	0.2	0.2	0.2	0.2	0.6	0.6	0.5	0.5	51.2	49.5	48.4
21	AUX BLDG VLVE RM CORR 2000' (S)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	5.1	5.0	4.8
22	AUX BLDG GRND FLR 2000' (SW)	0.2	0.2	0.2	0.2	0.2	79.5	76.2	73.1	70.1	171.4	168.2	165.8
23	AUX BLDG GRND FLR 2000' (W)	0.2	0.2	0.2	0.2	0.2	239.4	229.6	220.1	211.3	363.3	358.4	354.8
24	AUX BLDG SAMPLING RM 2000' (Cntl)	1220.3	1170.3	1123.6	1078.9	1035.6	994.6	953.7	914.4	877.8	851.6	824.4	804.6
25	AUX BLDG VENT FILTER	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	RHR HEAT EXCHANGER OUTSIDE 2026'	0.2	0.2	0.2	0.2	0.2	179.0	171.6	164.6	158.0	360.5	354.0	349.3
27	CONT PURGE EXHST FILT UNIT 2047'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	CONT PERSONNEL HATCH 2047'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	HOT MACHINE SHOP	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	HOT INSTRUMENT SHOP	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	CONTROL BLDG HOT LAB	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
32	CONTROL BLDG CORRIDOR	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
33	CONTROL ROOM 2047'	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
34	CASK HANDLING AREA 2000'	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0
35	NEW FUEL STORAGE 2026'	2989.3	3400.2	3634.7	3776.6	3839.5	3692.7	3736.9	3582.1	3427.4	3272.6	3117.9	3303.2
36	NEW FUEL STORAGE CORRIDOR 2026'	2989.3	3400.2	3634.7	3776.6	3839.5	3692.7	3736.9	3582.1	3427.4	3272.6	3117.9	3303.2
37	SPENT FUEL POOL AREA	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0
38	SPENT FUEL POOL AREA	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0
39	SEAL TABLE AREA 2026' (N)	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0
40	PERS HATCH AREA INSIDE 2047' (SW)	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0
41	CONTAINMENT BLDG 2047' (NW)	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0
42	CONTAINMENT BLDG 2047' (E)	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0	10000.0
47	PASS SAMPLING ROOM 2000'	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	TECHNICAL SUPPORT CENTER	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
44	EMERGENCY OPERATIONS FACILITY	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
			LOW END OF SCALE				ALERT		HIGH END OF SCALE				
			NORMAL READING				ALARM						

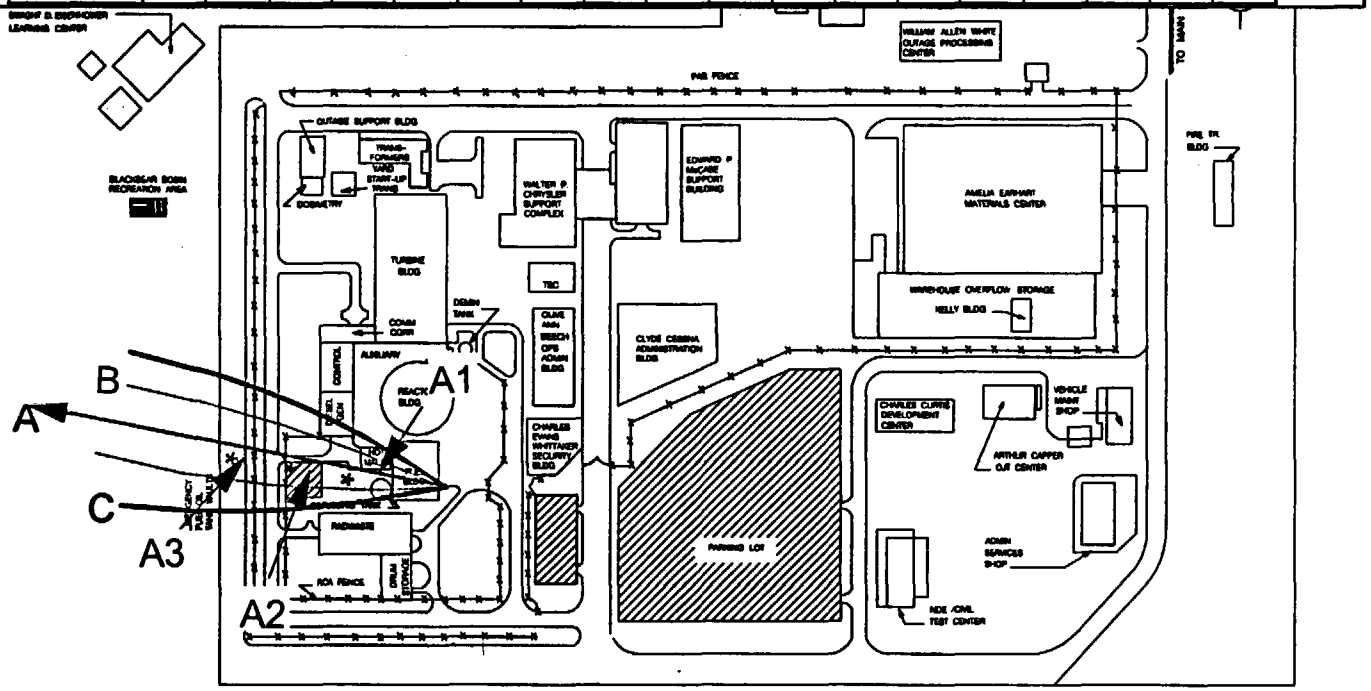
CHE

ONSITE PLUME DATA

OFF-SCALE ON AN RO-3 | OFF-SCALE ON AN RO-3 A | OFF-SCALE ON AN RO-3 A

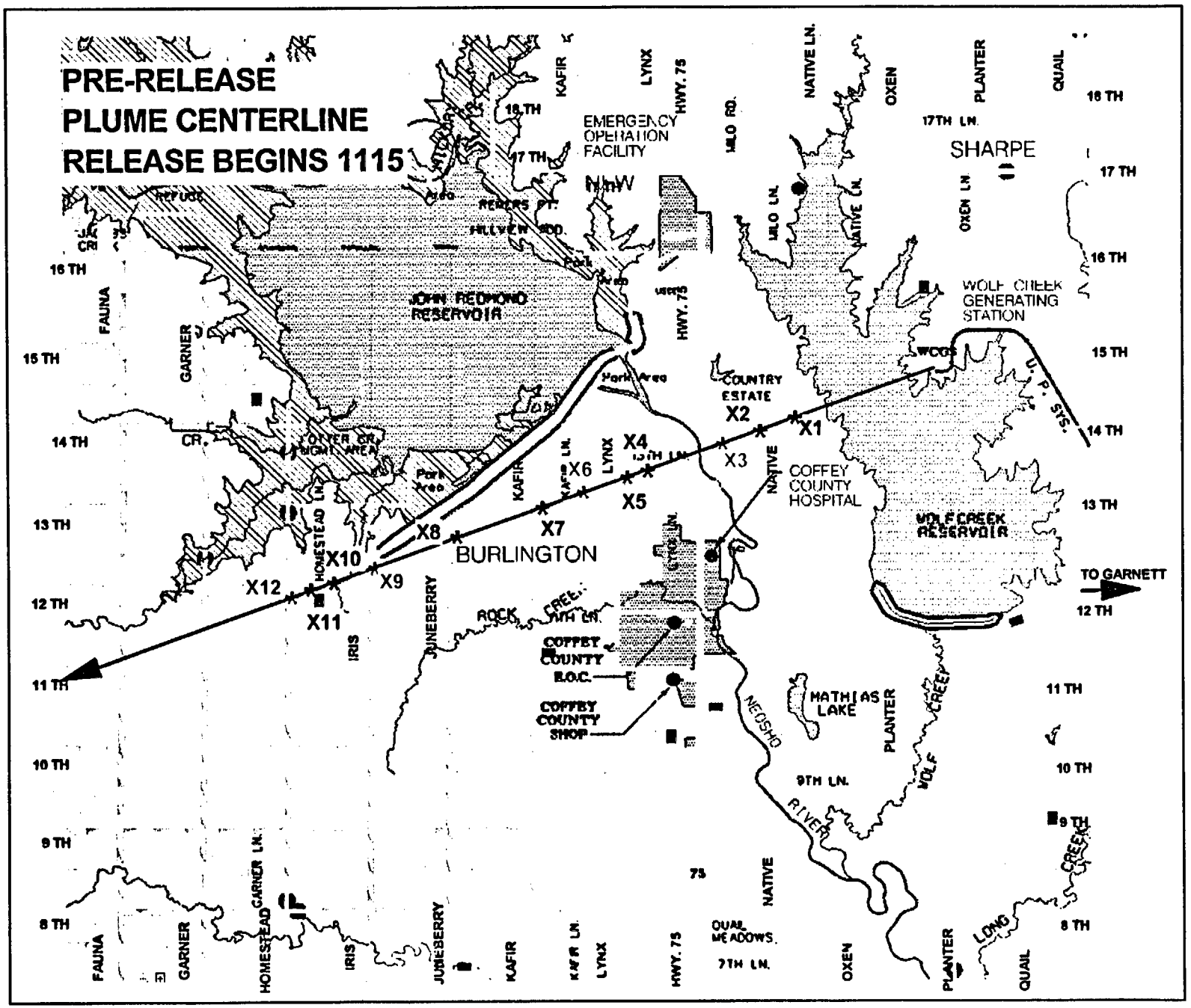
TIME	10:15 GAMMA (R/HR)	BETA (R/HR)	10:30 GAMMA (R/HR)	BETA (R/HR)	10:45 GAMMA (R/HR)	BETA (R/HR)	11:00 GAMMA (R/HR)	BETA (R/HR)	11:15 GAMMA (R/HR)	BETA (R/HR)	11:30 GAMMA (R/HR)	BETA (R/HR)	11:45 GAMMA (R/HR)	BETA (R/HR)	12:00 GAMMA (R/HR)	BETA (R/HR)	12:15 GAMMA (R/HR)	BETA (R/HR)
At Point of Release	2.9	2.9	2.7	2.7	2.3	2.3	1.8	1.8	1.2	1.2	0.8	0.8	0.5	0.5	0.3	0.3	0.1	0.1
A1	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
A2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TIME	12:30 GAMMA (R/HR)	BETA (R/HR)	12:45 GAMMA (R/HR)	BETA (R/HR)	13:00 GAMMA (R/HR)	BETA (R/HR)	13:15 GAMMA (R/HR)	BETA (R/HR)	13:30 GAMMA (R/HR)	BETA (R/HR)	13:45 GAMMA (R/HR)	BETA (R/HR)	14:00 GAMMA (R/HR)	BETA (R/HR)	14:15 GAMMA (R/HR)	BETA (R/HR)	ENDED GAMMA (R/HR)	BETA (R/HR)
At Point of Release	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



CH6

OFFSITE PLUME DATA



H 0308065D

TIME:	ACTUAL	11:23		RELATIVE	3:23	POST RELEASE	0:08				EDCP (per Scenario / 4Hr)	
LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr	CTR	W1
EAB	0.75	1.68E-05	80	60	60	0.588	1.0	460,000	3.68E-06	80,000	3.29E-05	9.319	CCL	SW-2
X1	1.81	4.33E-06	14	10	15	0.095	0.2	80,000	5.95E-07	12,000	5.31E-06	1.979	JRR	W-2
													SW1	

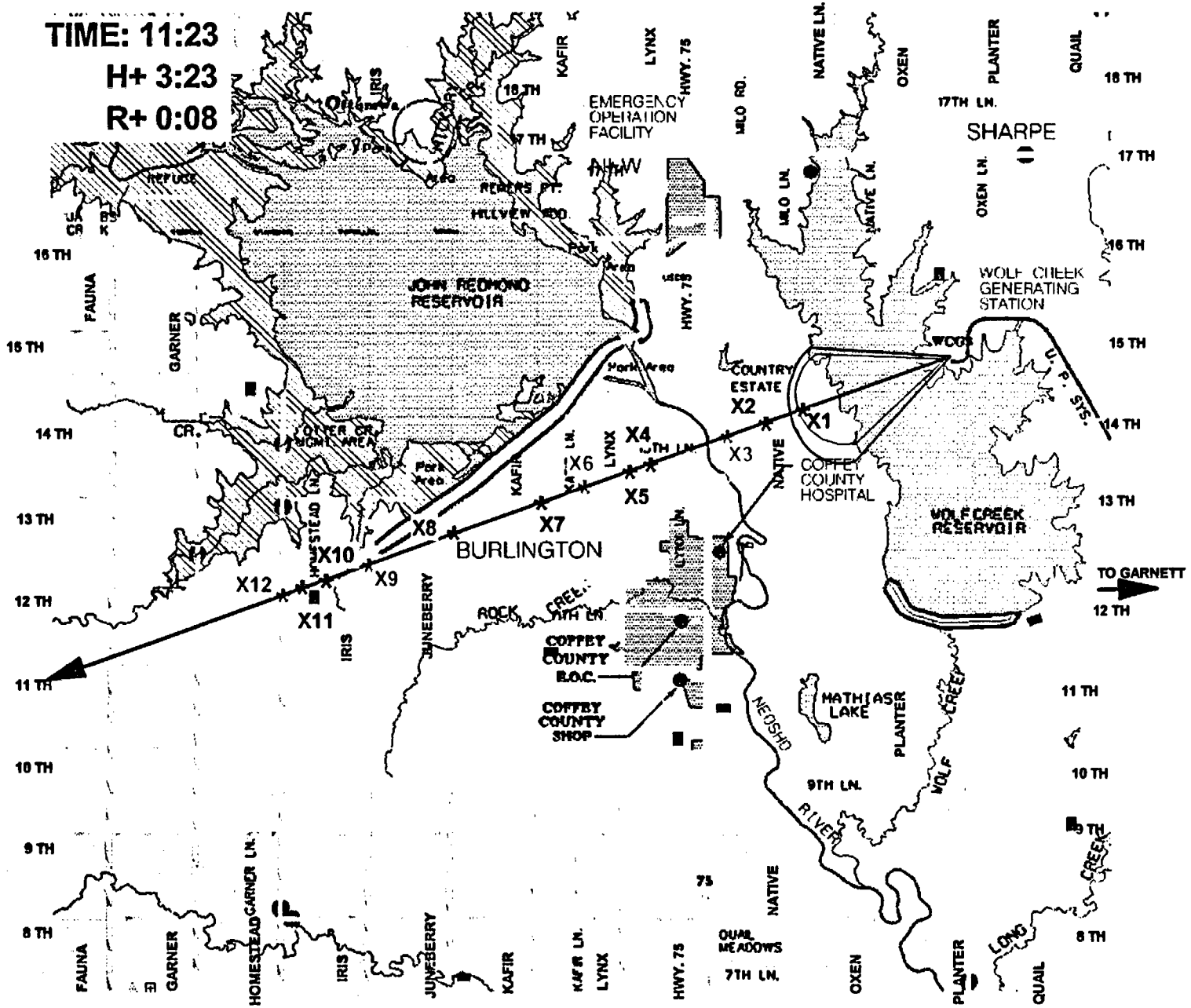
BACKGROUND = 40 CPM

- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario.

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

MAP - 250 or 06-006 Att. A


TIME: 11:23
H+ 3:23
R+ 0:08
EMERGENCY OPERATION FACILITY
SHARPE
WOLF CREEK GENERATING STATION
JOHN REDMOND RESERVOIR
COUNTRY ESTATE
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIASR LAKE
QUAIL MEADOWS
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
16 TH
17 TH
15 TH
14 TH
13 TH
12 TH
11 TH
10 TH
9 TH
8 TH
7TH LN.
9TH LN.
HWY. 75
NATIVE LN.
OXEN
PLANTER
QUAIL
LYNX
KAFIR
IRIS
JUNEBERRY
HOMESTEAD
GARNER
FAUNA
MILO RD.
OXEN LN.
NATIVE
ROCK CREEK
NEOSHO
WOLF RIVER
LONG CREEK

C03

TIME: ACTUAL 11:24 RELATIVE 3:24 POST RELEASE 0:09

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	80	60	80	0.586	1.0	460,000	3.68E-06	80,000	3.29E-05	9.319
X1	1.81	4.33E-06	14	10	16	0.095	0.2	80,000	5.95E-07	12,000	5.31E-06	1.979
X2	1.97	3.80E-06	14	10	16	0.097	0.2	80,000	6.12E-07	12,000	5.47E-06	1.741
2 MI	2.00	3.71E-06	18	14	16	0.133	0.2	100,000	8.39E-07	18,000	7.49E-06	1.699

EDCP (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

BACKGROUND = 40 CPM

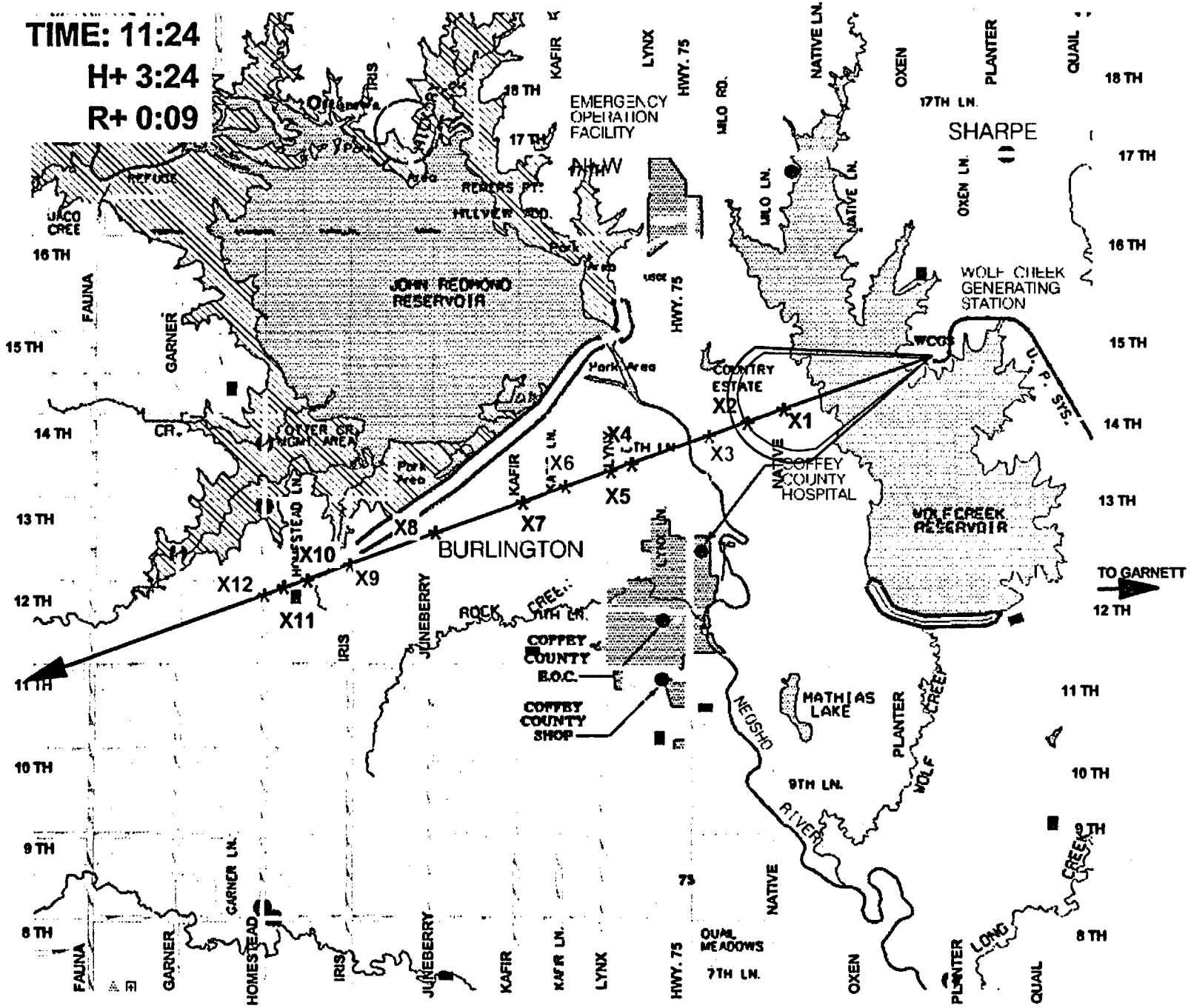
NOTE: 1. Affected subzones are based on the constructed sequence of this scenario. MAP - 250 or 06-006 Att. A

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.

3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

- FIELD TEAM DATA
- CALCULATED RESULTS

C04


TIME: 11:24
H+ 3:24
R+ 0:09
EMERGENCY OPERATION FACILITY
SHARPE
WOLF CREEK GENERATING STATION
JOHN REDMOND RESERVOIR
COUNTRY ESTATE
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
QUAIL MEADOWS
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
18 TH
17 TH
16 TH
15 TH
14 TH
13 TH
12 TH
11 TH
10 TH
9 TH
8 TH
HWY. 75
LYNX
KAFIR
IRIS
GARNER
FAUNA
HOMESTEAD
JUNEBERRY
NATIVE
OXEN
PLANTER
QUAIL
NEOSHO
WOLF CREEK
ROCK CREEK
LONG CREEK
17TH LN.
9TH LN.
7TH LN.

C05

TIME: ACTUAL 11:28 RELATIVE 3:28 POST RELEASE 0:13

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	80	60	80	0.586	1.0	460,000	3.68E-06	80,000	1.29E-05	9.319
X1	1.81	4.33E-06	14	10	16	0.095	0.2	80,000	5.95E-07	12,000	5.31E-06	1.979
X2	1.97	3.80E-06	14	10	16	0.097	0.2	80,000	6.12E-07	12,000	5.47E-06	1.741
2 MI	2.00	3.71E-06	18	14	16	0.133	0.2	100,000	8.39E-07	18,000	7.49E-06	1.699
2.5 MI	2.50	2.71E-06	14	10	16	0.087	0.2	60,000	5.49E-07	12,000	4.90E-06	1.240
X3	2.80	2.32E-06	10	8	8	0.071	0.1	60,000	4.44E-07	10,000	3.96E-06	1.059

EDCP (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

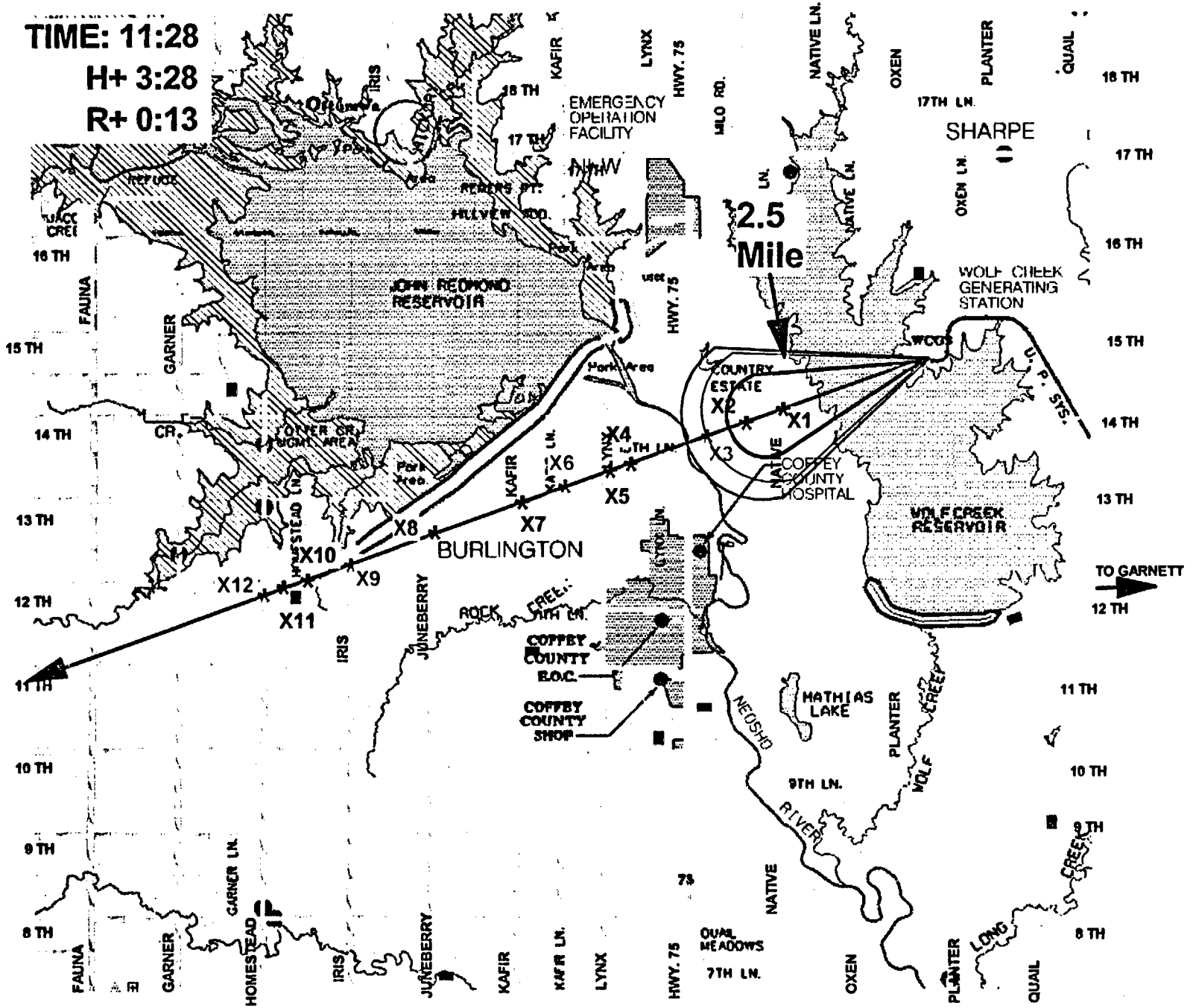
BACKGROUND = 40 CPM

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario. MAP - 250 or 06-006 Att. A

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.

3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

- FIELD TEAM DATA
- CALCULATED RESULTS


TIME: 11:28
H+ 3:28
R+ 0:13
2.5 Mile
EMERGENCY OPERATION FACILITY
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
COUNTRY ESTATE
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
TO GARNETT
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
HATHIAS LAKE
SHARPE
QUAIL MEADOWS
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
18 TH
17 TH
16 TH
15 TH
14 TH
13 TH
12 TH
11 TH
10 TH
9 TH
8 TH
7 TH
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
LYNX
HWY. 75
OXEN
PLANTER
QUAIL
NATIVE
NEOSHO
WOLF
RIVER
ROCK CREEK
LONG CREEK
9TH LN.
17TH LN.

TIME:	ACTUAL	11:31		RELATIVE	3:31	POST RELEASE	0:16				
LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	80	60	80	0.586	1.0	460,000	3.68E-06	80,000	3.29E-05	9.319
X1	1.81	4.33E-06	14	10	16	0.095	0.2	80,000	5.95E-07	12,000	5.31E-06	1.979
X2	1.97	3.80E-06	14	10	16	0.097	0.2	80,000	6.12E-07	12,000	5.47E-06	1.741
2 MI	2.00	3.71E-06	18	14	16	0.133	0.2	100,000	8.39E-07	18,000	7.49E-06	1.699
2.5 MI	2.50	2.71E-06	14	10	16	0.087	0.2	60,000	5.49E-07	12,000	4.90E-06	1.240
X3	2.80	2.32E-06	10	8	8	0.071	0.1	60,000	4.44E-07	10,000	3.96E-06	1.059
X4	3.46	1.71E-06	8	6	8	0.058	0.1	46,000	3.62E-07	8,000	3.23E-06	0.783

EDCP (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

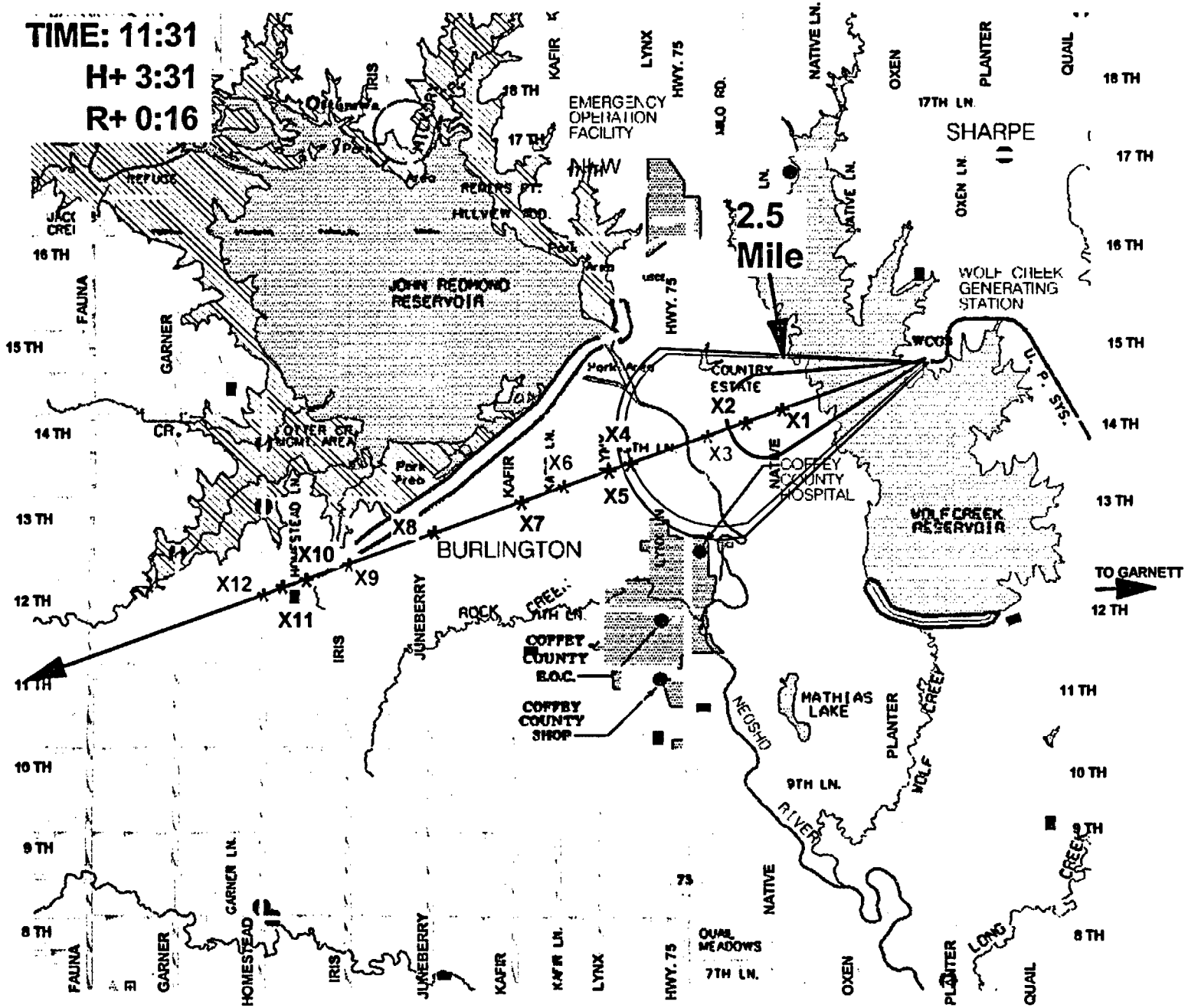
BACKGROUND = 40 CPM

- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario.

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

MAP - 250 or 06-006 Att. A


TIME: 11:31
H+ 3:31
R+ 0:16
EMERGENCY OPERATION FACILITY
2.5 Mile
SHARPE
WOLF CREEK GENERATING STATION
JOHN REDMOND RESERVOIR
COUNTRY ESTATE
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
QUAIL MEADOWS
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
16 TH
17 TH
15 TH
14 TH
13 TH
12 TH
11 TH
10 TH
9 TH
8 TH
7TH LN.
9TH LN.
17TH LN.
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
LYNX
HWY. 75
NATIVE
OXEN
PLANTER
QUAIL

C.09

TIME: ACTUAL 11:33 RELATIVE 3:33 POST RELEASE 0:18

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	80	60	80	0.555	1.0	440,000	3.49E-06	80,000	3.12E-05	8.828
X1	1.81	4.33E-06	14	10	16	0.095	0.2	80,000	5.95E-07	12,000	5.31E-06	1.979
X2	1.97	3.80E-06	14	10	16	0.097	0.2	80,000	6.12E-07	12,000	5.47E-06	1.741
2 MI	2.00	3.71E-06	18	14	16	0.133	0.2	100,000	8.39E-07	18,000	7.49E-06	1.699
2.5 MI	2.50	2.71E-06	14	10	16	0.087	0.2	60,000	5.49E-07	12,000	4.90E-06	1.240
X3	2.80	2.32E-06	10	8	8	0.071	0.1	60,000	4.44E-07	10,000	3.96E-06	1.059
X4	3.46	1.71E-06	8	6	8	0.058	0.1	46,000	3.62E-07	8,000	3.23E-06	0.783
X5	3.98	1.41E-06	8	6	8	0.048	0.1	38,000	3.01E-07	6,000	2.68E-06	0.644

EDCP (per Scenario / 4Hr)

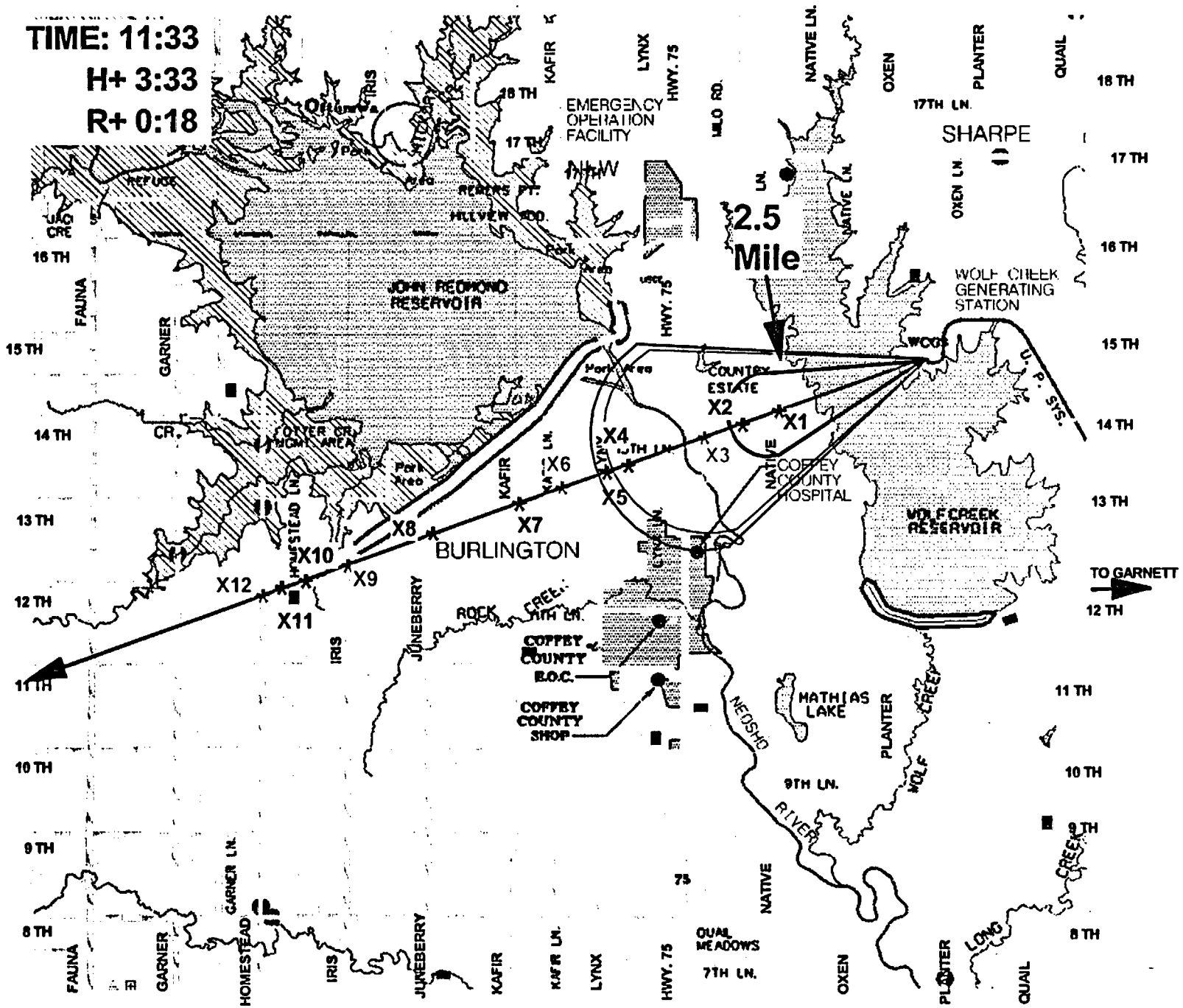
CTR	W1
CCL	SW-2
JRR	W-2
SW1	

BACKGROUND = 40 CPM

- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario. MAP - 250 or 06-006 Att. A

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-008 Attachment A identifies as being affected.


TIME: 11:33
H+ 3:33
R+ 0:18
EMERGENCY OPERATION FACILITY
2.5 Mile
SHARPE
WOLF CREEK GENERATING STATION
JOHN REDMOND RESERVOIR
COUNTRY ESTATE
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
TO GARNETT
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
QUAIL MEADOWS
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
HWY. 75
KAFIR
LYNX
NATIVE LN.
OXEN
PLANTER
QUAIL
IRIS
JUNEBERRY
HOMESTEAD LN.
GARNER
FAUNA
NEOSHO
WOLF CREEK
ROCK CREEK
LONG CREEK
16TH
17TH
18TH
15TH
14TH
13TH
12TH
11TH
10TH
9TH
8TH
7TH LN.
9TH LN.
17TH LN.

TIME: ACTUAL 11:36 RELATIVE 3:36 POST RELEASE 0:21

EDCP (per Scenario / 4Hr)

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	80	60	80	0.556	1.0	440,000	3.49E-06	80,000	3.12E-05	8.828
X1	1.81	4.33E-06	14	10	16	0.095	0.2	80,000	5.95E-07	12,000	5.31E-06	1.979
X2	1.97	3.80E-06	14	10	16	0.097	0.2	80,000	6.12E-07	12,000	5.47E-06	1.741
2 MI	2.00	3.71E-06	18	14	16	0.133	0.2	100,000	8.39E-07	18,000	7.49E-06	1.699
2.5 MI	2.50	2.71E-06	14	10	16	0.097	0.2	60,000	5.49E-07	12,000	4.90E-06	1.240
X3	2.80	2.32E-06	10	8	8	0.071	0.1	60,000	4.44E-07	10,000	3.96E-06	1.059
X4	3.48	1.71E-06	8	6	8	0.058	0.1	46,000	3.62E-07	8,000	3.23E-06	0.783
X5	3.98	1.41E-06	8	6	8	0.048	0.1	38,000	3.01E-07	6,000	2.68E-06	0.644
X6	4.49	1.19E-06	6	4	8	0.028	0.1	22,000	1.78E-07	3,800	1.59E-06	0.543

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

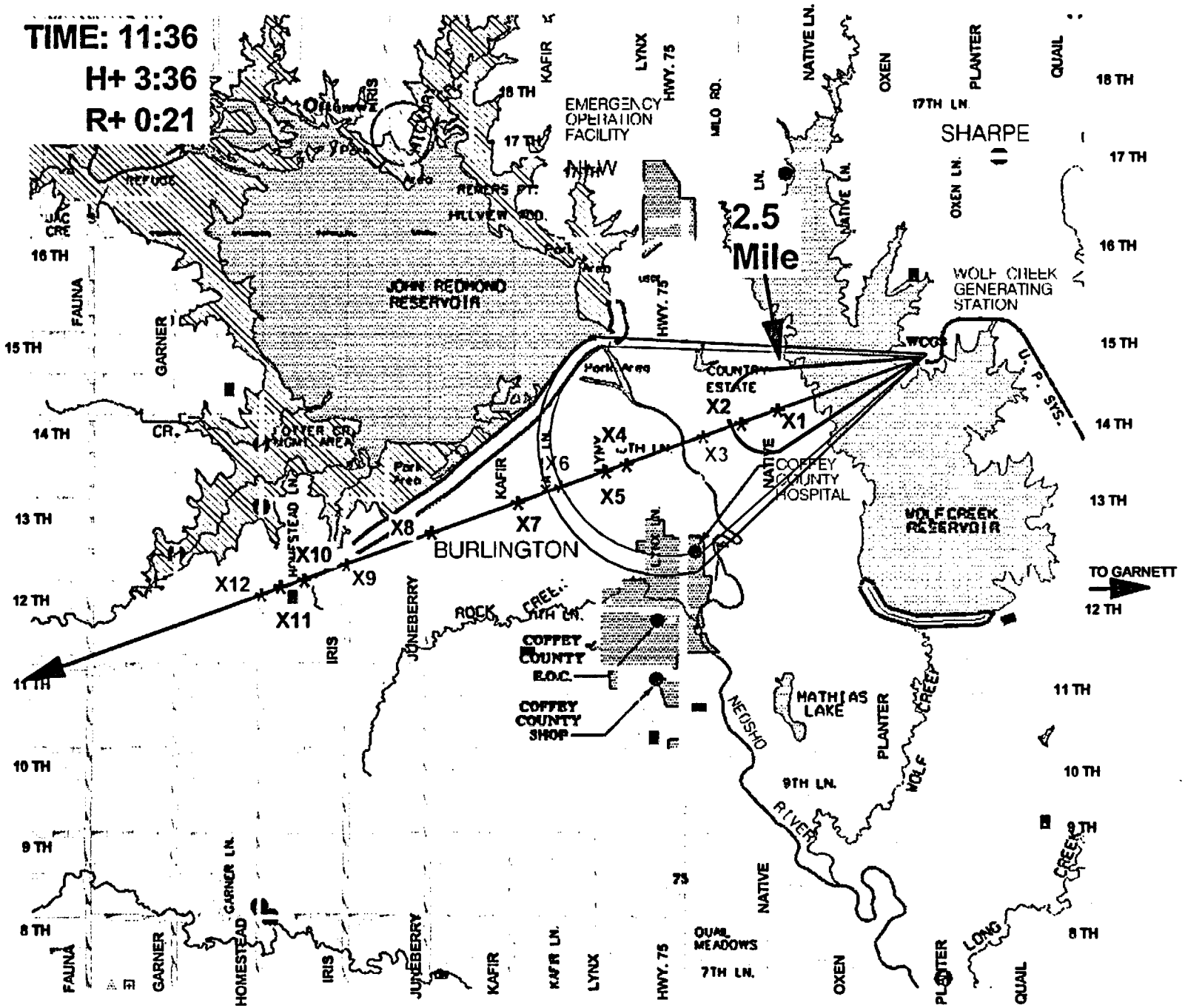
BACKGROUND = 40 CPM

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario. MAP - 250 or 06-006 Att. A

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.

3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

- FIELD TEAM DATA
- CALCULATED RESULTS


TIME: 11:36
H+ 3:36
R+ 0:21
2.5 Mile
EMERGENCY OPERATION FACILITY
SHARPE
WOLF CREEK GENERATING STATION
JOHN REDMOND RESERVOIR
COUNTRY ESTATE
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
TO GARNETT
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
QUAIL MEADOWS
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
KAFIR
LYNX
HWY. 75
NATIVE LN.
OXEN
PLANTER
QUAIL
IRIS
JONEBERRY
GARNER
FAUNA
HOMESTEAD
ROCK CREEK
NEOSHO RIVER
WOLF CREEK
LONG CREEK
16TH
17TH
15TH
14TH
13TH
12TH
11TH
10TH
9TH
8TH

C13

TIME: ACTUAL 11:38 RELATIVE 3:38 POST RELEASE 0:23

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	80	60	80	0.555	1.0	440,000	3.49E-06	80,000	3.12E-05	8.828
X1	1.81	4.33E-06	14	10	16	0.089	0.2	80,000	5.60E-07	12,000	5.00E-06	1.815
X2	1.97	3.80E-06	14	10	16	0.097	0.2	80,000	6.12E-07	12,000	5.47E-06	1.741
2 MI	2.00	3.71E-06	18	14	16	0.133	0.2	100,000	8.39E-07	18,000	7.49E-06	1.699
2.5 MI	2.50	2.71E-06	14	10	16	0.087	0.2	60,000	5.49E-07	12,000	4.90E-06	1.240
X3	2.80	2.32E-06	10	8	8	0.071	0.1	60,000	4.44E-07	10,000	3.96E-06	1.059
X4	3.46	1.71E-06	8	6	8	0.058	0.1	46,000	3.62E-07	8,000	3.23E-06	0.783
X5	3.98	1.41E-06	8	6	8	0.048	0.1	38,000	3.01E-07	6,000	2.68E-06	0.644
X6	4.49	1.19E-06	6	4	8	0.028	0.1	22,000	1.78E-07	3,800	1.59E-06	0.543
5 MI	5.00	1.02E-06	6	4	8	0.028	0.1	22,000	1.73E-07	3,600	1.55E-06	0.466
X7	5.04	1.01E-06	6	4	8	0.032	0.1	26,000	2.02E-07	4,200	1.81E-06	0.481

EDCP (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

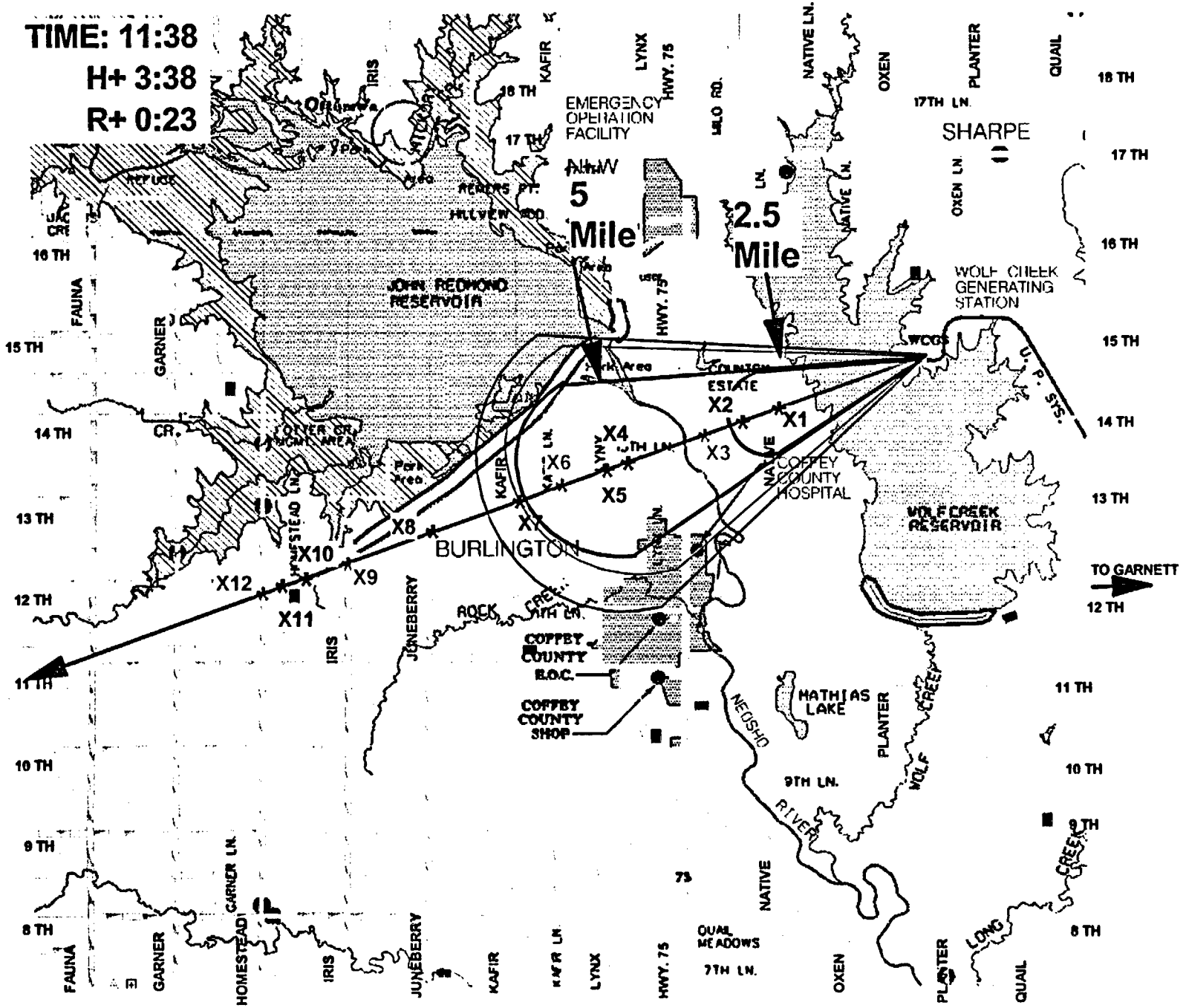
BACKGROUND = 40 CPM

- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario.

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

MAP - 250 or 06-006 Att. A


TIME: 11:38
H+ 3:38
R+ 0:23
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
SHARPE
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
16 TH
15 TH
14 TH
13 TH
12 TH
11 TH
10 TH
9 TH
8 TH
17 TH
18 TH
17TH LN.
9TH LN.
7TH LN.
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
LYNX
HWY. 75
MILO RD.
NATIVE LN.
OXEN
PLANTER
QUAIL
NEOSHO
ROCK CREEK
WOLF CREEK
LONG CREEK
OTTER CR.
U.P. SYS.

TIME: ACTUAL 11:43 RELATIVE 3:43 POST RELEASE 0:28

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	80	60	80	0.555	1.0	440,000	3.49E-06	80,000	3.12E-05	8.828
X1	1.81	4.33E-06	14	10	16	0.089	0.2	80,000	5.60E-07	12,000	5.00E-06	1.815
X2	1.97	3.80E-06	18	14	16	0.123	0.2	100,000	7.76E-07	16,000	6.93E-06	1.596
2 MI	2.00	3.71E-06	14	10	16	0.093	0.2	80,000	5.85E-07	12,000	5.22E-06	1.558
2.5 MI	2.50	2.71E-06	10	8	8	0.076	0.1	60,000	4.76E-07	10,000	4.25E-06	1.137
X3	2.80	2.32E-06	10	8	8	0.074	0.1	60,000	4.65E-07	10,000	4.15E-06	0.971
X4	3.46	1.71E-06	8	6	8	0.058	0.1	46,000	3.62E-07	8,000	3.23E-06	0.783
X5	3.98	1.41E-06	8	6	8	0.048	0.1	38,000	3.01E-07	6,000	2.68E-06	0.644
X6	4.49	1.19E-06	6	4	8	0.028	0.1	22,000	1.78E-07	3,800	1.59E-06	0.543
5 MI	5.00	1.02E-06	6	4	8	0.028	0.1	22,000	1.73E-07	3,600	1.55E-06	0.466
X7	5.04	1.01E-06	6	4	8	0.032	0.1	26,000	2.02E-07	4,200	1.81E-06	0.461
X8	6.10	7.73E-07	6	4	8	0.027	0.1	22,000	1.69E-07	3,600	1.51E-06	0.354

EDCP (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

BACKGROUND = 40 CPM

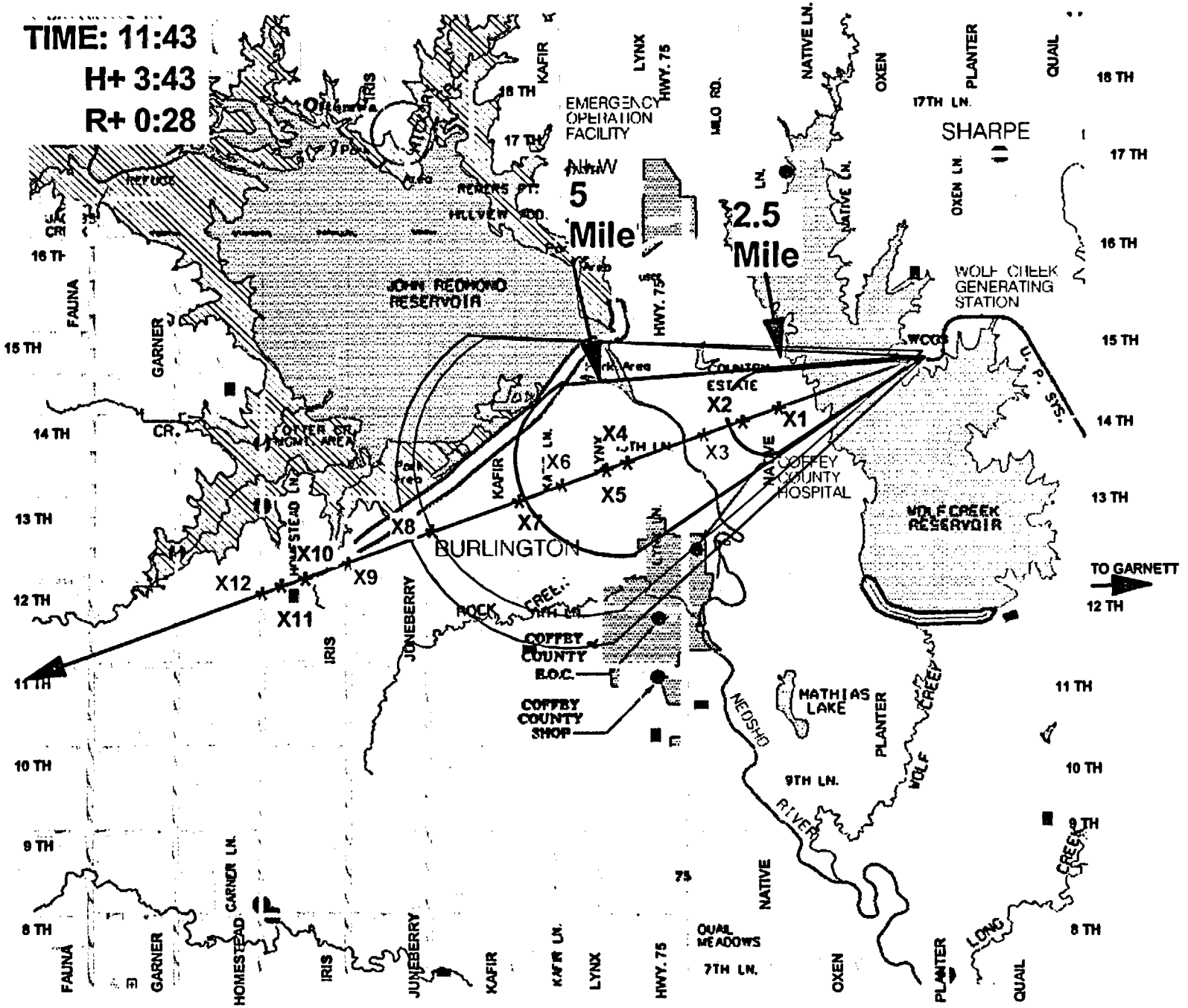
NOTE: 1. Affected subzones are based on the constructed sequence of this scenario. MAP - 250 or 06-006 Att. A

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.

3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

- FIELD TEAM DATA
- CALCULATED RESULTS

CLG


TIME: 11:43
H+ 3:43
R+ 0:28
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
SHARPE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
18 TH
17 TH
16 TH
15 TH
14 TH
13 TH
12 TH
11 TH
10 TH
9 TH
8 TH
IRIS
KAFIR
LYNX
HWY. 75
NATIVE LN.
OXEN
PLANTER
QUAIL
FAUNA
GARNER
HOMESTEAD LN.
JONEBERRY
NEOSHO
WOLF CREEK
LONG CREEK
17TH LN.
9TH LN.
7TH LN.
QUAIL MEADOWS

c 17

TIME:	ACTUAL	11:48		RELATIVE	3:48	POST RELEASE	0:33					EDCP (per Scenario / 4Hr)	
LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr	CTR CCL JRR SW1	W1 SW-2 W-2
EAB	0.75	1.68E-05	60	40	80	0.354	0.7	280,000	2.23E-06	46,000	1.99E-05	5.635		
X1	1.81	4.33E-06	14	10	16	0.089	0.2	80,000	5.60E-07	12,000	5.00E-06	1.815		
X2	1.97	3.80E-06	18	14	16	0.123	0.2	100,000	7.76E-07	16,000	6.93E-06	1.596		
2 MI	2.00	3.71E-06	14	10	16	0.093	0.2	80,000	5.85E-07	12,000	5.22E-06	1.558		
2.5 MI	2.50	2.71E-06	10	8	8	0.076	0.1	60,000	4.76E-07	10,000	4.25E-06	1.137		
X3	2.80	2.32E-06	10	8	8	0.074	0.1	60,000	4.65E-07	10,000	4.15E-06	0.971		
X4	3.46	1.71E-06	8	6	8	0.056	0.1	44,000	3.52E-07	8,000	3.14E-06	0.718		
X5	3.98	1.41E-06	8	6	8	0.045	0.1	36,000	2.83E-07	6,000	2.52E-06	0.591		
X6	4.49	1.19E-06	6	4	8	0.028	0.1	22,000	1.78E-07	3,800	1.59E-06	0.543		
5 MI	5.00	1.02E-06	6	4	8	0.028	0.1	22,000	1.73E-07	3,600	1.55E-06	0.466		
X7	5.04	1.01E-06	6	4	8	0.032	0.1	26,000	2.02E-07	4,200	1.81E-06	0.461		
X8	6.10	7.73E-07	6	4	8	0.027	0.1	22,000	1.69E-07	3,600	1.51E-06	0.354		
X9	7.13	6.23E-07	2	2	0	0.022	0.0	18,000	1.40E-07	3,000	1.25E-06	0.285		

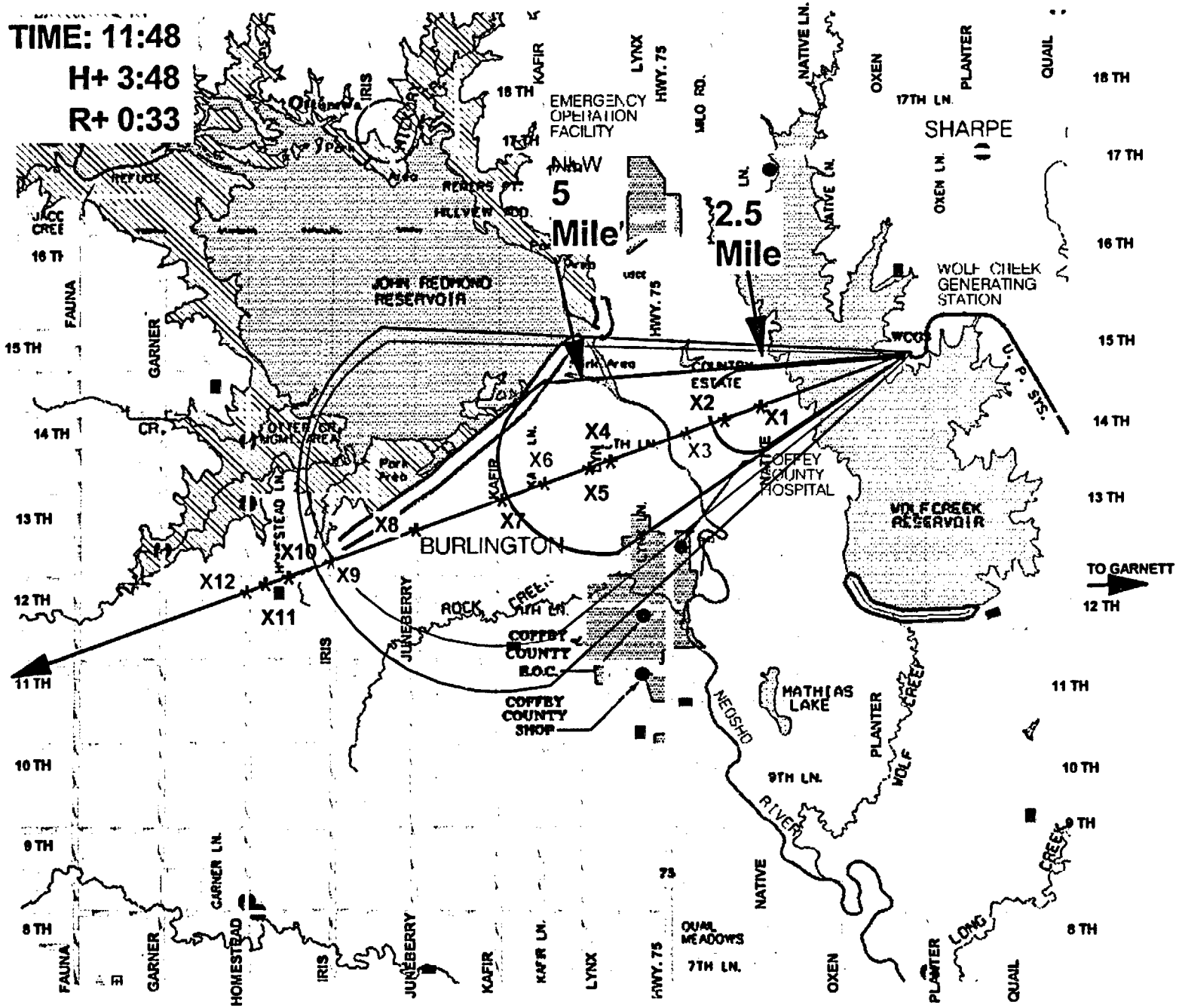
BACKGROUND = 40 CPM

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario. MAP - 250 or 06-006 Att. A

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.

3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

- FIELD TEAM DATA
- CALCULATED RESULTS


TIME: 11:48
H+ 3:48
R+ 0:33
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
SHARPE
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
18 TH
17 TH
16 TH
15 TH
14 TH
13 TH
12 TH
11 TH
10 TH
9 TH
8 TH
IRIS
KAFIR
LYNX
HWY. 75
NATIVE LN.
OXEN
PLANTER
QUAIL
17TH LN.
9TH LN.
7TH LN.
FAUNA
GARNER
HOMESTEAD
JUNEBERRY
NEOSHO
ROCK CREEK
WOLF CREEK
LONG CREEK
QUAIL MEADOWS

TIME: ACTUAL 11:50 RELATIVE 3:50 POST RELEASE 0:35

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	60	40	80	0.354	0.7	280,000	2.23E-06	46,000	1.99E-05	5.635
X1	1.81	4.33E-06	14	10	16	0.089	0.2	80,000	5.60E-07	12,000	5.00E-06	1.815
X2	1.97	3.80E-06	18	14	16	0.123	0.2	100,000	7.76E-07	16,000	6.93E-06	1.596
2 MI	2.00	3.71E-06	14	10	16	0.093	0.2	80,000	5.85E-07	12,000	5.22E-06	1.558
2.5 MI	2.50	2.71E-06	10	8	8	0.076	0.1	60,000	4.76E-07	10,000	4.25E-06	1.137
X3	2.80	2.32E-06	10	8	8	0.074	0.1	60,000	4.65E-07	10,000	4.15E-06	0.971
X4	3.48	1.71E-06	8	6	8	0.056	0.1	44,000	3.52E-07	8,000	3.14E-06	0.718
X5	3.98	1.41E-06	8	6	8	0.045	0.1	36,000	2.83E-07	6,000	2.52E-06	0.591
X6	4.49	1.19E-06	6	4	8	0.028	0.1	22,000	1.78E-07	3,800	1.59E-06	0.543
5 MI	5.00	1.02E-06	6	4	8	0.028	0.1	22,000	1.73E-07	3,600	1.55E-06	0.466
X7	5.04	1.01E-06	6	4	8	0.032	0.1	26,000	2.02E-07	4,200	1.81E-06	0.481
X8	6.10	7.73E-07	6	4	8	0.027	0.1	22,000	1.69E-07	3,600	1.51E-06	0.354
X9	7.13	6.23E-07	2	2	0	0.022	0.0	18,000	1.40E-07	3,000	1.25E-06	0.285
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.015	0.0	12,000	9.14E-08	2,000	8.16E-07	0.266
X10	7.84	5.66E-07	2	2	0	0.019	0.0	14,000	1.17E-07	2,400	1.04E-06	0.259

EDCP (per Scenario / 4Hr)

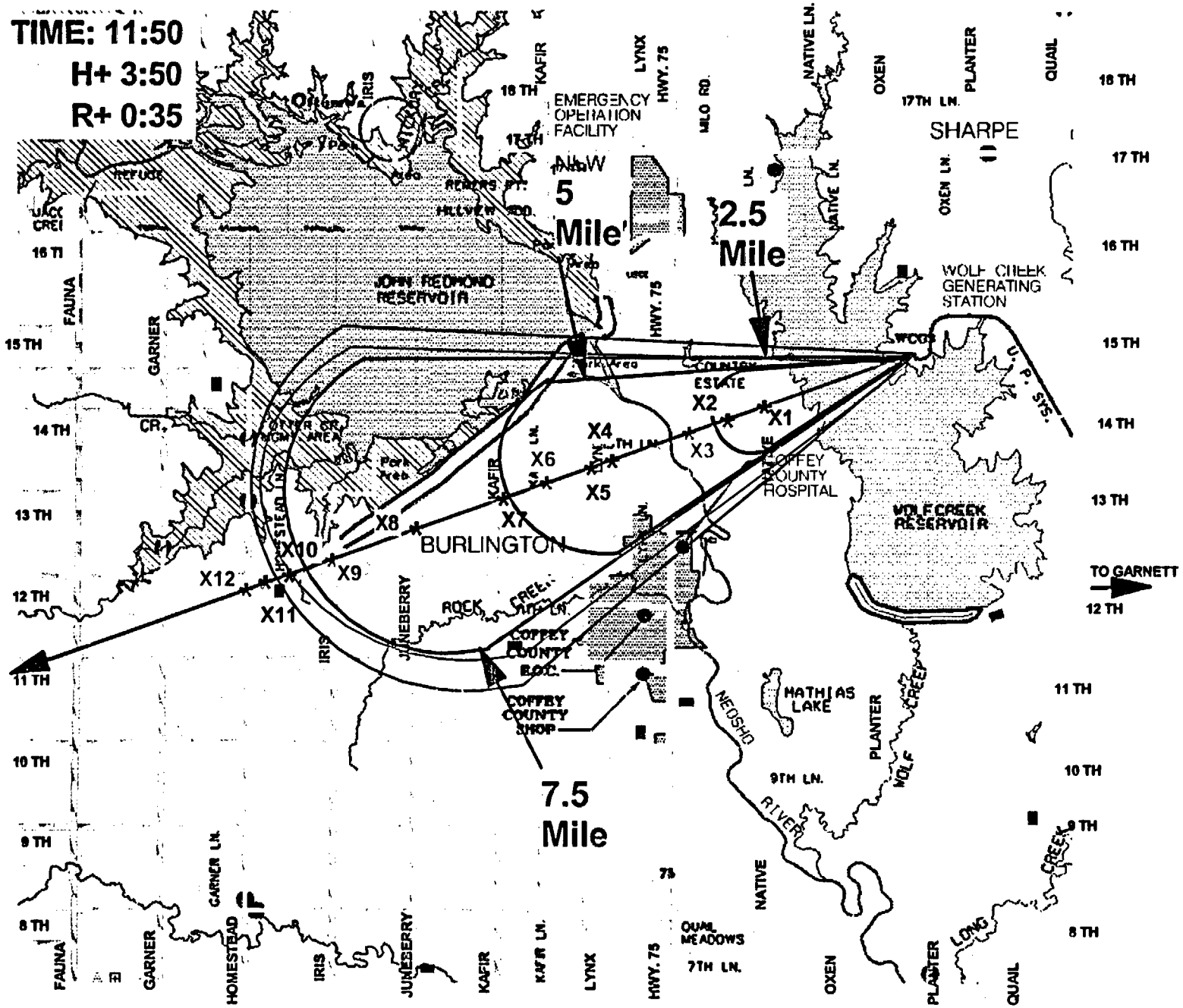
CTR	W1
CCL	SW-2
JRR	W-2
SW1	

BACKGROUND = 40 CPM

- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario. MAP - 250 or 06-006 Att. A

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.


TIME: 11:50
H+ 3:50
R+ 0:35
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
7.5 Mile
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
SHARPE
MATHIAS LAKE
COFFEY COUNTY EOC
COFFEY COUNTY SHOP
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12

TIME: ACTUAL 11:51 RELATIVE 3:51 POST RELEASE 0:36

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	60	40	80	0.354	0.7	280,000	2.23E-06	46,000	1.99E-05	5.635
X1	1.81	4.33E-06	14	10	16	0.089	0.2	80,000	5.60E-07	12,000	5.00E-06	1.815
X2	1.97	3.80E-06	18	14	16	0.123	0.2	100,000	7.76E-07	16,000	6.93E-06	1.596
2 MI	2.00	3.71E-06	14	10	16	0.093	0.2	80,000	5.85E-07	12,000	5.22E-06	1.558
2.5 MI	2.50	2.71E-06	10	8	8	0.076	0.1	60,000	4.76E-07	10,000	4.25E-06	1.137
X3	2.80	2.32E-06	10	8	8	0.074	0.1	60,000	4.65E-07	10,000	4.15E-06	0.971
X4	3.46	1.71E-06	8	6	8	0.056	0.1	44,000	3.52E-07	8,000	3.14E-06	0.718
X5	3.98	1.41E-06	8	6	8	0.045	0.1	36,000	2.83E-07	6,000	2.52E-06	0.591
X6	4.49	1.19E-06	6	4	8	0.031	0.1	24,000	1.97E-07	4,200	1.76E-06	0.498
5 MI	5.00	1.02E-06	6	4	8	0.028	0.1	22,000	1.73E-07	3,600	1.55E-06	0.466
X7	5.04	1.01E-06	6	4	8	0.032	0.1	26,000	2.02E-07	4,200	1.81E-06	0.461
X8	6.10	7.73E-07	6	4	8	0.027	0.1	22,000	1.69E-07	3,600	1.51E-06	0.354
X9	7.13	6.23E-07	2	2	0	0.022	0.0	18,000	1.40E-07	3,000	1.25E-06	0.285
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.015	0.0	12,000	9.14E-08	2,000	8.16E-07	0.266
X10	7.64	5.66E-07	2	2	0	0.019	0.0	14,000	1.17E-07	2,400	1.04E-06	0.259
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.018	0.0	14,000	1.11E-07	2,400	9.92E-07	0.247

EDCP (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

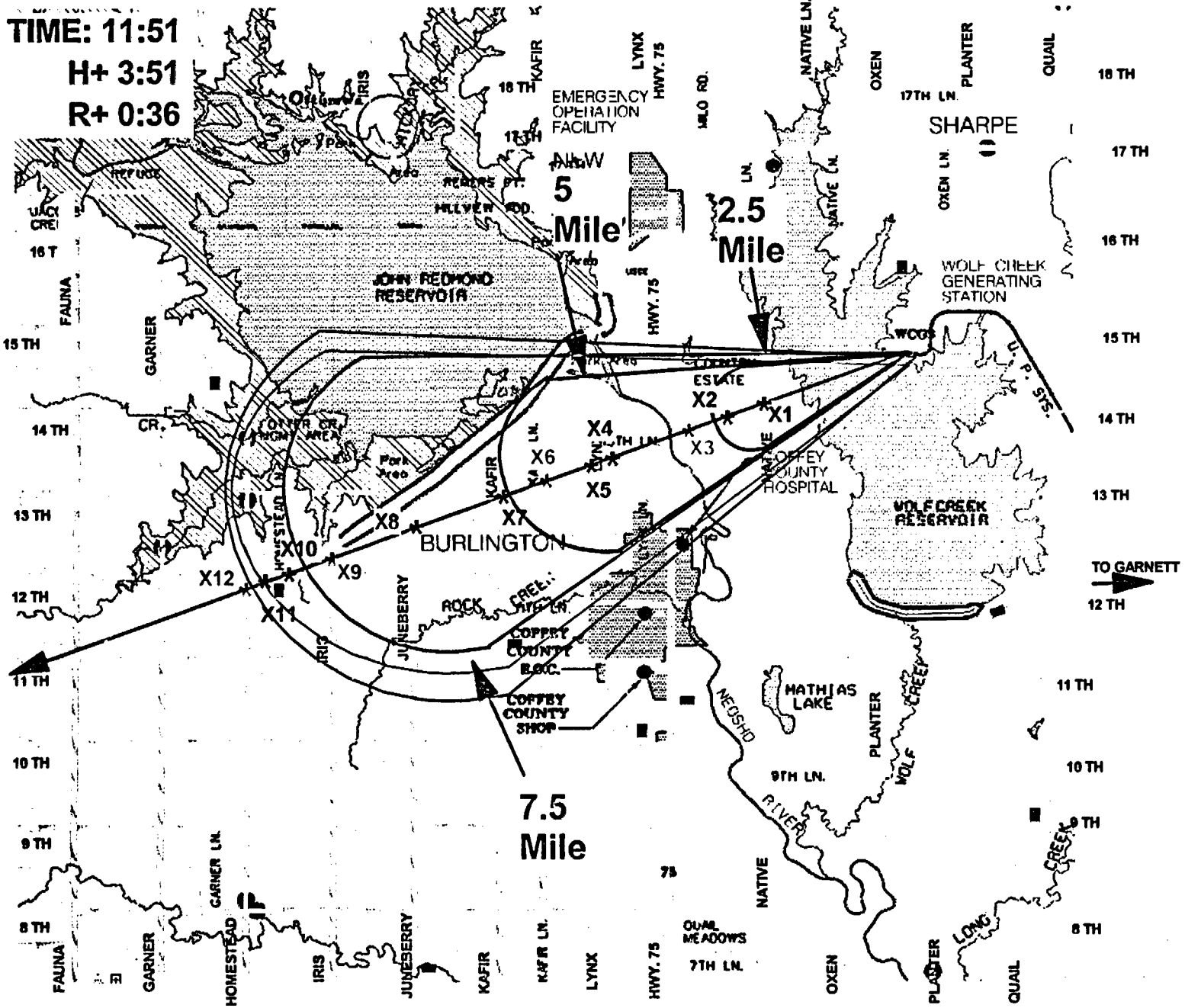
BACKGROUND = 40 CPM

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario. MAP - 250 or 06-006 Att. A

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.

- FIELD TEAM DATA
- CALCULATED RESULTS

3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.


TIME: 11:51
H+ 3:51
R+ 0:36
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
7.5 Mile
SHARPE
WOLF CREEK GENERATING STATION
JOHN REDMOND RESERVOIR
WOLF CREEK RESERVOIR
COFFEY COUNTY HOSPITAL
BURLINGTON
COFFEY COUNTY BOCC
COFFEY COUNTY SHOP
MATHIAS LAKE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
LYNX
HWY. 75
OXEN
PLANTER
QUAIL
NATIVE
NEOSHO
ROCK CREEK
WOLF CREEK
LONG CREEK
16 TH
15 TH
14 TH
13 TH
12 TH
11 TH
10 TH
9 TH
8 TH
17 TH
18 TH

TIME: ACTUAL 11:53 RELATIVE 3:53 POST RELEASE 0:38

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	60	40	60	0.354	0.7	280,000	2.23E-06	46,000	1.99E-05	5.635
X1	1.81	4.33E-06	14	10	16	0.098	0.2	80,000	6.19E-07	12,000	5.52E-06	1.665
X2	1.97	3.80E-06	18	14	16	0.123	0.2	100,000	7.76E-07	16,000	6.93E-06	1.596
2 MI	2.00	3.71E-06	14	10	16	0.093	0.2	80,000	5.85E-07	12,000	5.22E-06	1.558
2.5 MI	2.50	2.71E-06	10	8	8	0.076	0.1	60,000	4.76E-07	10,000	4.25E-06	1.137
X3	2.80	2.32E-06	10	8	8	0.074	0.1	60,000	4.65E-07	10,000	4.15E-06	0.971
X4	3.46	1.71E-06	8	6	8	0.056	0.1	44,000	3.52E-07	8,000	3.14E-06	0.718
X5	3.98	1.41E-06	8	6	8	0.045	0.1	36,000	2.83E-07	6,000	2.52E-06	0.591
X6	4.49	1.19E-06	6	4	8	0.031	0.1	24,000	1.97E-07	4,200	1.76E-06	0.498
5 MI	5.00	1.02E-06	6	4	8	0.030	0.1	24,000	1.88E-07	4,000	1.68E-06	0.428
X7	5.04	1.01E-06	2	2	0	0.022	0.0	18,000	1.39E-07	3,000	1.24E-06	0.423
X8	6.10	7.73E-07	6	4	8	0.027	0.1	22,000	1.69E-07	3,600	1.51E-06	0.354
X9	7.13	6.23E-07	2	2	0	0.022	0.0	18,000	1.40E-07	3,000	1.25E-06	0.285
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.015	0.0	12,000	9.14E-08	2,000	8.16E-07	0.266
X10	7.64	5.66E-07	2	2	0	0.019	0.0	14,000	1.17E-07	2,400	1.04E-06	0.259
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.018	0.0	14,000	1.11E-07	2,400	9.92E-07	0.247
X12	8.19	5.14E-07	NO DATA	CPM	NO DATA	0.016	0.0	12,000	9.76E-08	2,000	8.71E-07	0.235

EDCP (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

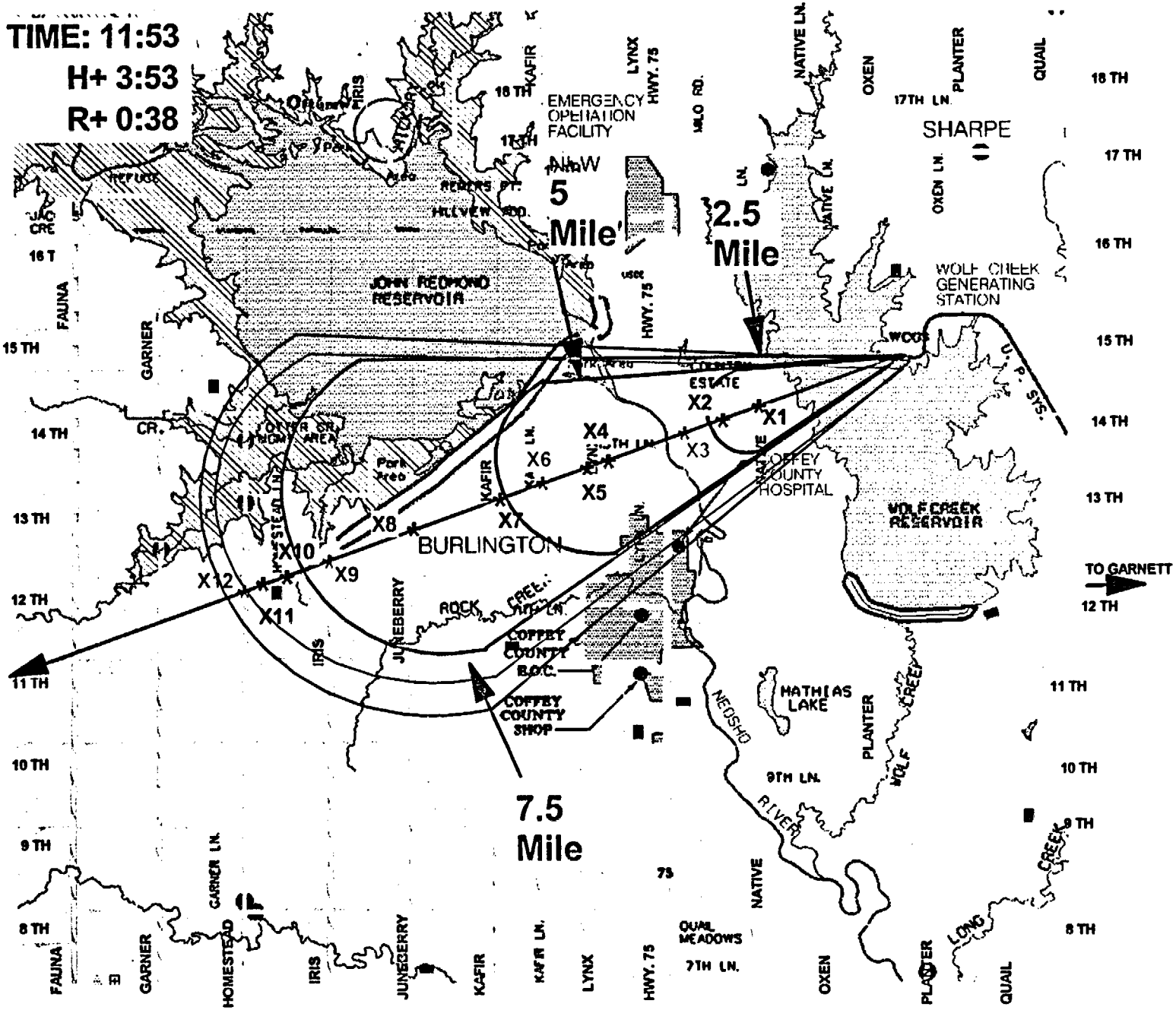
BACKGROUND = 40 CPM

- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario.

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

MAP - 250 or 06-006 Att. A


TIME: 11:53
H+ 3:53
R+ 0:38
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
7.5 Mile
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
SHARPE
ESTATE
COFFEY COUNTY R.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
LYNX
HWY. 75
OXEN
NATIVE
PLANTER
QUAIL
NEOSHO
WOLF CREEK
LONG CREEK
ROCK CREEK
15TH
16TH
17TH
18TH
14TH
13TH
12TH
11TH
10TH
9TH
8TH
7TH LN.
9TH LN.
17TH LN.

TIME:	ACTUAL		12:00		RELATIVE		4:00	POST RELEASE		0:45			EDCP (per Scenario / 4Hr)	
LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr	CTR CCL JRR SW1	W1 SW-2 W-2
EAB	0.75	1.68E-05	60	40	80	0.354	0.7	280,000	2.23E-06	46,000	1.99E-05	5.635		
X1	1.81	4.33E-06	14	10	16	0.098	0.2	80,000	6.19E-07	12,000	5.52E-06	1.665		
X2	1.97	3.80E-06	16	12	16	0.099	0.2	80,000	6.25E-07	12,000	5.58E-06	1.464		
2 MI	2.00	3.71E-06	16	12	16	0.105	0.2	80,000	6.61E-07	14,000	5.90E-06	1.428		
2.5 MI	2.50	2.71E-06	10	8	8	0.079	0.1	60,000	4.99E-07	10,000	4.45E-06	1.043		
X3	2.80	2.32E-06	8	6	8	0.050	0.1	40,000	3.17E-07	6,000	2.83E-06	0.891		
X4	3.46	1.71E-06	8	6	8	0.056	0.1	44,000	3.52E-07	8,000	3.14E-06	0.718		
X5	3.98	1.41E-06	8	6	8	0.045	0.1	36,000	2.83E-07	6,000	2.52E-06	0.591		
X6	4.49	1.19E-06	6	4	8	0.031	0.1	24,000	1.97E-07	4,200	1.76E-06	0.498		
5 MI	5.00	1.02E-06	6	4	8	0.030	0.1	24,000	1.88E-07	4,000	1.68E-06	0.428		
X7	5.04	1.01E-06	2	2	0	0.022	0.0	18,000	1.39E-07	3,000	1.24E-06	0.423		
X8	6.10	7.73E-07	2	2	0	0.025	0.0	20,000	1.60E-07	3,400	1.43E-06	0.324		
X9	7.13	6.23E-07	2	2	0	0.022	0.0	18,000	1.40E-07	3,000	1.25E-06	0.285		
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.015	0.0	12,000	9.14E-08	2,000	8.16E-07	0.266		
X10	7.64	5.66E-07	2	2	0	0.019	0.0	14,000	1.17E-07	2,400	1.04E-06	0.259		
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.018	0.0	14,000	1.11E-07	2,400	9.92E-07	0.247		
X12	8.19	5.14E-07	NO DATA	CPM	NO DATA	0.016	0.0	12,000	9.76E-08	2,000	8.71E-07	0.235		

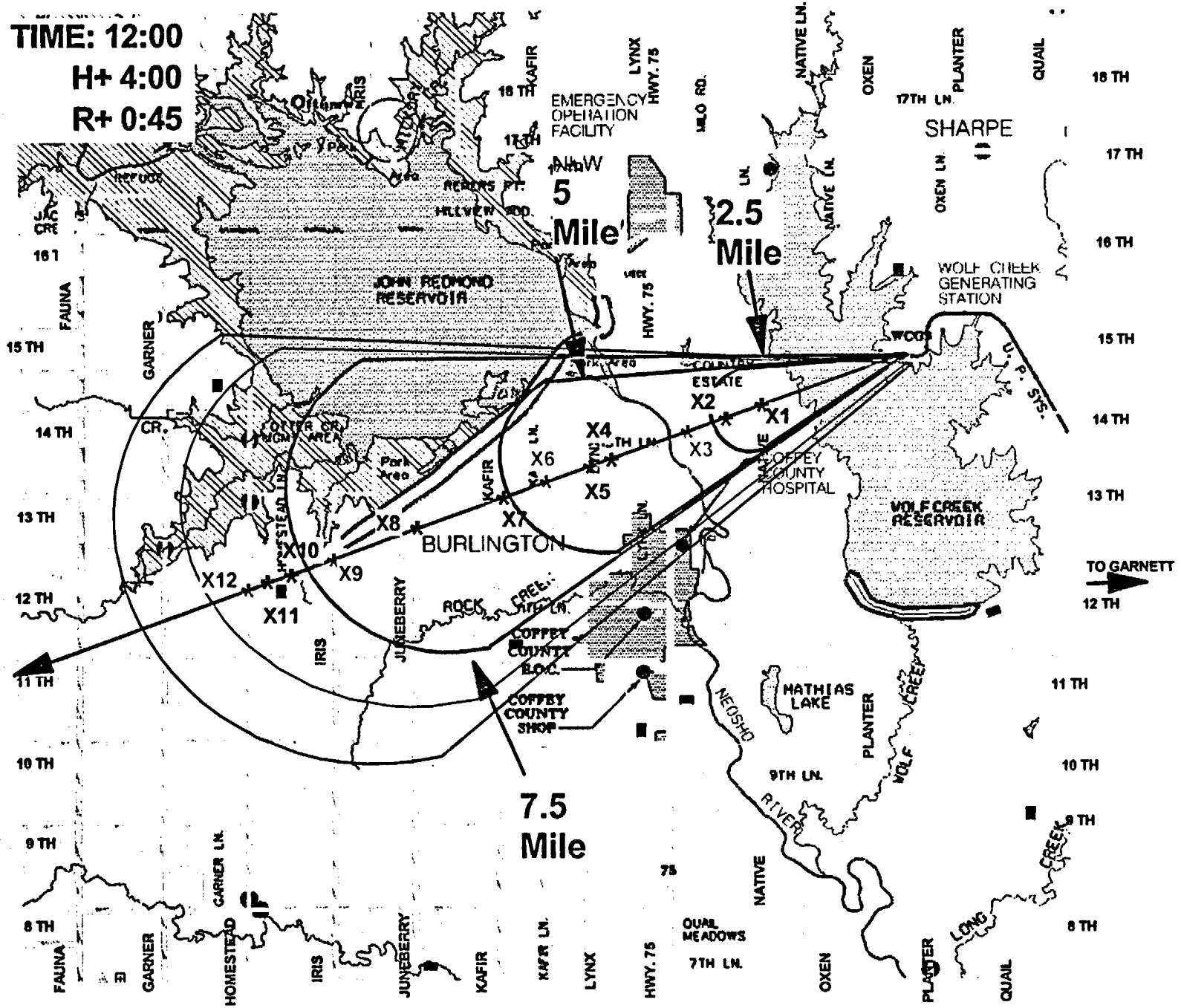
BACKGROUND = 40 CPM

- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario.

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

MAP - 250 or 06-006 Att. A


TIME: 12:00
H+ 4:00
R+ 0:45
5 Mile
2.5 Mile
7.5 Mile
EMERGENCY OPERATION FACILITY
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
SHARPE
HATHIAS LAKE
COFFEY COUNTY EOC
COFFEY COUNTY SHOP
QUAIL MEADOWS
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
LYNX
HWY. 75
OXEN
PLANTER
QUAIL
NATIVE
NEOSHO
WOLF CREEK
LONG CREEK
16 TH
15 TH
14 TH
13 TH
12 TH
11 TH
10 TH
9 TH
8 TH
17 TH
18 TH

TIME:	ACTUAL	12:15		RELATIVE	4:15	POST RELEASE	1:00				EDCP (per Scenario / 4Hr)	
LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc.	I-2 CDE REM/Hr	CTR	W1
EAB	0.75	1.69E-05	60	44	64	0.400	0.7	320,000	2.51E-06	60,000	2.24E-05	6.355	CCL	SW-2
X1	1.81	4.33E-06	16	12	16	0.112	0.2	80,000	7.06E-07	14,000	6.30E-06	1.526	JRR	W-2
X2	1.97	3.80E-06	10	8	8	0.064	0.1	60,000	4.03E-07	8,000	3.60E-06	1.342	SW1	
2 MI	2.00	3.71E-06	10	8	8	0.076	0.1	60,000	4.76E-07	10,000	4.25E-06	1.310		
2.5 MI	2.50	2.71E-06	8	6	8	0.050	0.1	40,000	3.14E-07	6,000	2.80E-06	0.956		
X3	2.80	2.32E-06	6	4	8	0.045	0.1	36,000	2.81E-07	6,000	2.51E-06	0.817		
X4	3.48	1.71E-06	6	4	8	0.036	0.1	28,000	2.29E-07	4,800	2.04E-06	0.658		
X5	3.98	1.41E-06	2	2	0	0.026	0.0	20,000	1.61E-07	3,400	1.43E-06	0.542		
X6	4.49	1.19E-06	2	2	0	0.022	0.0	18,000	1.37E-07	2,800	1.23E-06	0.457		
5 MI	5.00	1.02E-06	6	4	8	0.028	0.1	22,000	1.77E-07	3,800	1.58E-06	0.392		
X7	5.04	1.01E-06	2	2	0	0.025	0.0	20,000	1.56E-07	3,200	1.40E-06	0.388		
X8	6.10	7.73E-07	2	2	0	0.020	0.0	16,000	1.26E-07	2,600	1.12E-06	0.297		
X9	7.13	6.23E-07	NO DATA	CPM	NO DATA	0.017	0.0	14,000	1.05E-07	2,200	9.41E-07	0.262		
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.013	0.0	10,000	8.09E-08	1,800	7.22E-07	0.244		
X10	7.64	5.66E-07	NO DATA	CPM	NO DATA	0.014	0.0	12,000	8.92E-08	1,800	7.96E-07	0.238		
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.011	0.0	8,000	6.79E-08	1,400	6.06E-07	0.226		
X12	8.19	5.14E-07	NO DATA	CPM	NO DATA	0.016	0.0	12,000	9.80E-08	2,000	8.75E-07	0.216		
10 MI	10.00	3.89E-07	NO DATA	CPM	NO DATA	0.000	0.0	40	0.00E+00	40	0.00E+00	0.000		

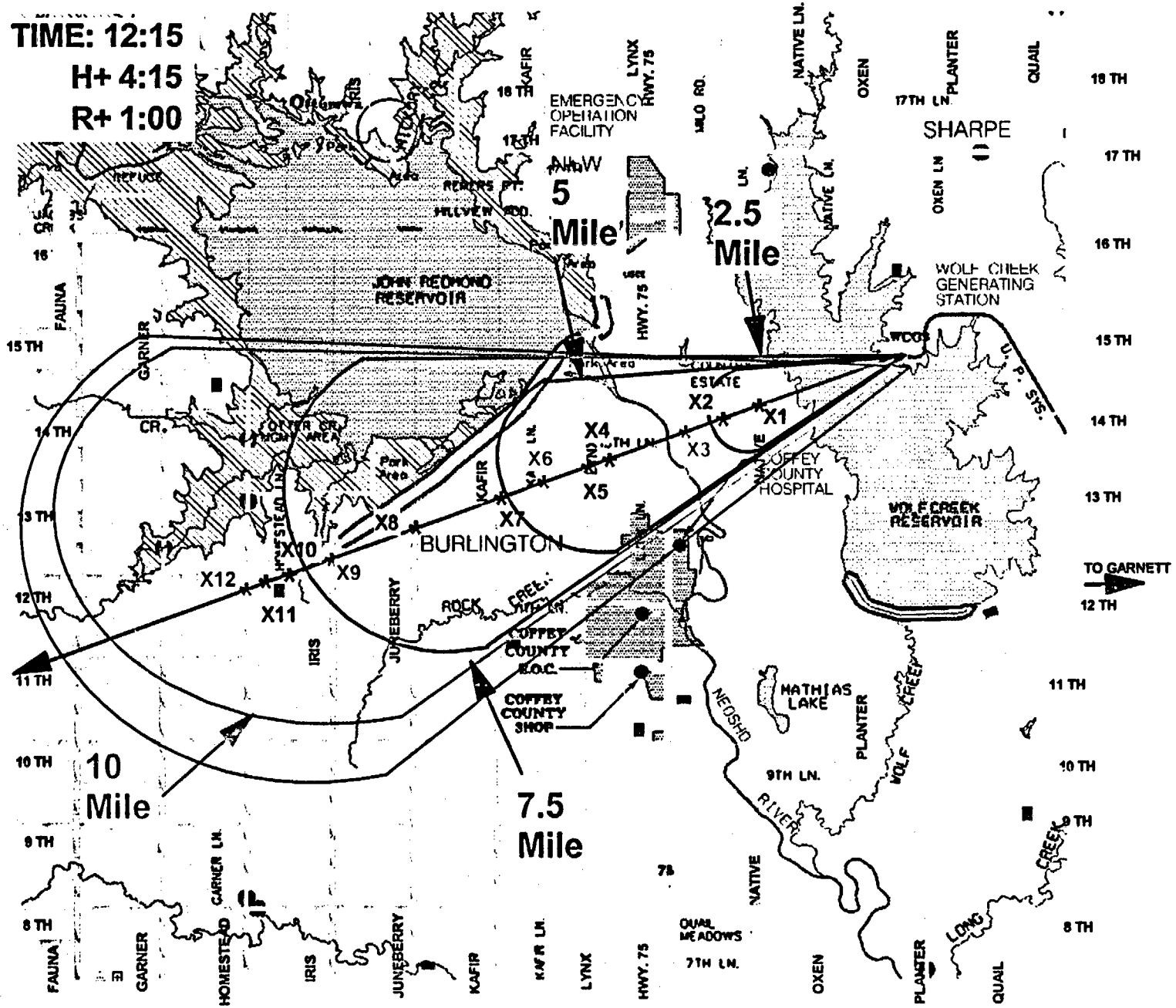
BACKGROUND = 40 CPM

- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario. MAP - 250 or 06-006 Att. A

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.

3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.


TIME: 12:15
H+ 4:15
R+ 1:00
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
10 Mile
7.5 Mile
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
SHARPE
BURLINGTON
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
HWY. 75
LYNX
KAFIR
IRIS
JUNEBERRY
GARNER
FAUNA
HOMESTEAD
OXEN
PLANTER
QUAIL
NATIVE
NEOSHO
ROCK CREEK
WOLF RIVER
LONG CREEK
9TH LN.
17TH LN.
QUAIL MEADOWS
7TH LN.

TIME:		ACTUAL	12:30			RELATIVE	4:30	POST RELEASE	1:15				EDCP (per Scenario / 4Hr)	
LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr	CTR	W1
EAB	0.75	1.68E-05	60	40	60	0.349	0.7	280,000	2.20E-06	46,000	1.96E-05	5.555	CCL	SW-2
X1	1.81	4.33E-06	16	12	16	0.101	0.2	80,000	6.36E-07	14,000	5.68E-06	1.400	JRR	W-2
X2	1.97	3.80E-06	14	10	16	0.094	0.2	80,000	5.94E-07	12,000	5.30E-06	1.231	SW1	
2 MI	2.00	3.71E-06	10	8	8	0.069	0.1	60,000	4.32E-07	8,000	3.86E-06	1.201		
2.5 MI	2.50	2.71E-06	6	4	8	0.042	0.1	34,000	2.67E-07	6,000	2.38E-06	0.877		
X3	2.80	2.32E-06	6	4	8	0.036	0.1	28,000	2.28E-07	4,800	2.04E-06	0.749		
X4	3.46	1.71E-06	6	4	8	0.030	0.1	24,000	1.91E-07	4,000	1.70E-06	0.603		
X5	3.98	1.41E-06	6	4	8	0.036	0.1	28,000	2.24E-07	4,600	2.00E-06	0.497		
X6	4.49	1.19E-06	6	4	8	0.030	0.1	24,000	1.87E-07	4,000	1.67E-06	0.419		
5 MI	5.00	1.02E-06	NO DATA	CPM	NO DATA	0.018	0.0	14,000	1.12E-07	2,400	1.00E-06	0.360		
X7	5.04	1.01E-06	2	2	0	0.023	0.0	18,000	1.45E-07	3,000	1.29E-06	0.356		
X8	6.10	7.73E-07	NO DATA	CPM	NO DATA	0.016	0.0	14,000	1.04E-07	2,200	9.24E-07	0.273		
X9	7.13	6.23E-07	NO DATA	CPM	NO DATA	0.017	0.0	14,000	1.06E-07	2,200	9.48E-07	0.240		
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.016	0.0	12,000	9.89E-08	2,000	8.83E-07	0.223		
X10	7.64	5.66E-07	NO DATA	CPM	NO DATA	0.012	0.0	10,000	7.40E-08	1,600	6.61E-07	0.216		
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.013	0.0	10,000	8.28E-08	1,800	7.39E-07	0.207		
X12	8.19	5.14E-07	NO DATA	CPM	NO DATA	0.012	0.0	10,000	7.42E-08	1,600	6.63E-07	0.198		
10 MI	10.00	3.89E-07	NO DATA	CPM	NO DATA	0.016	0.0	12,000	9.80E-08	2,000	8.75E-07	0.216		

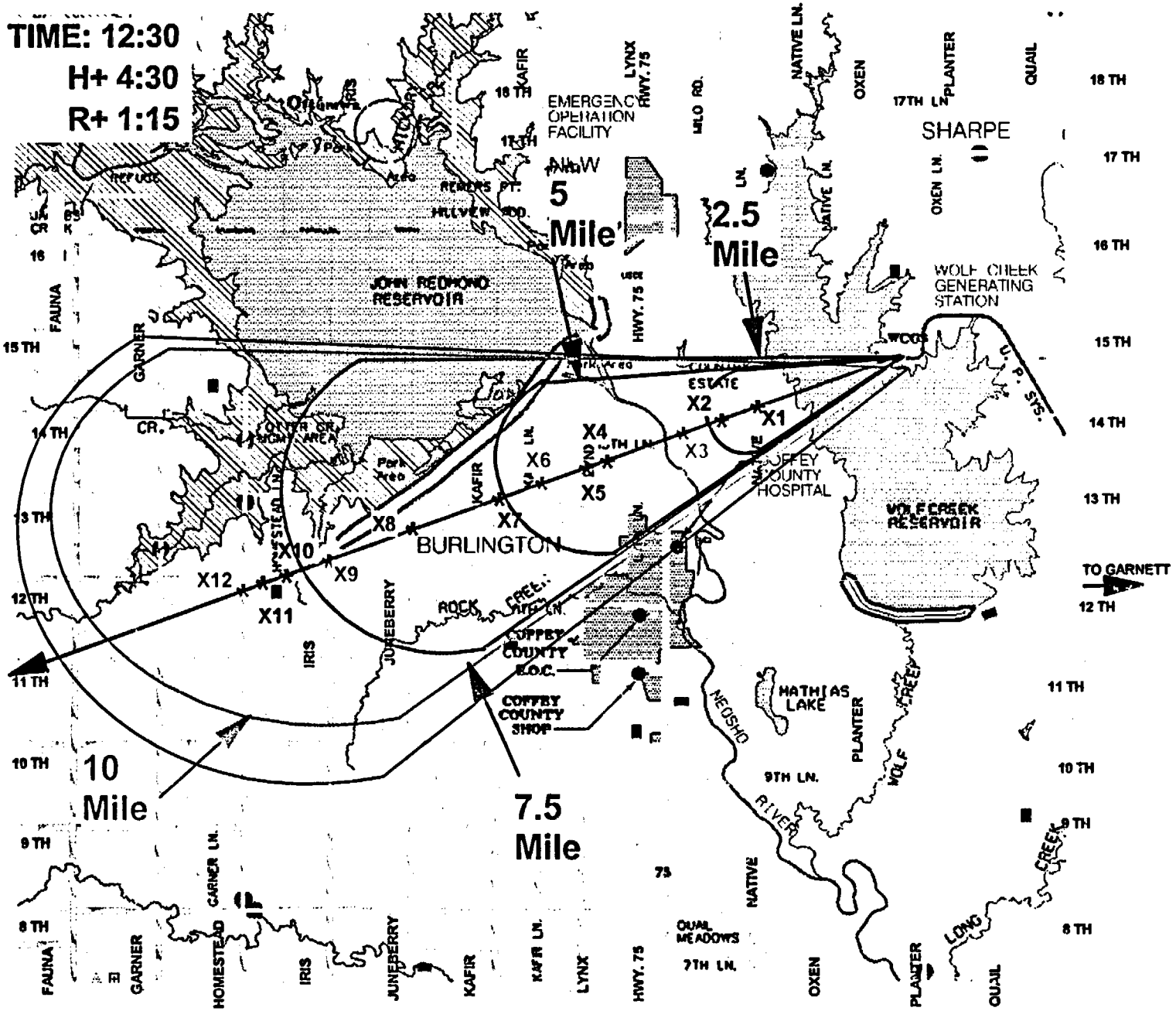
BACKGROUND = 40 CPM

- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario.

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

MAP - 250 or 06-006 Att. A


TIME: 12:30
H+ 4:30
R+ 1:15
5 Mile
2.5 Mile
10 Mile
7.5 Mile
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
WCGS
EMERGENCY OPERATION FACILITY
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
SHARPE
TO GARNETT
ESTATE
OTTER CR. AREA
ROCK CREEK
QUAIL MEADOWS
NEOSHO RIVER
WOLF CREEK
LONG CREEK
HOMESTEAD
JUNEBERRY
NATIVE LN.
OXEN
PLANTER
QUAIL
LYNX
HWY. 75
KAFIR
IRIS
GARNER
FAUNA
MILO RD.
OXEN LN.
17TH LN
9TH LN.
7TH LN.
U.P. SYS.

C31

TIME: ACTUAL 12:45 RELATIVE 4:45 POST RELEASE 1:30

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	40	30	40	0.276	0.5	220,000	1.74E-06	36,000	1.55E-05	4.395
X1	1.81	4.33E-06	10	8	8	0.064	0.1	60,000	4.01E-07	8,000	3.58E-06	1.284
X2	1.97	3.80E-06	8	6	8	0.054	0.1	42,000	3.39E-07	8,000	3.03E-06	1.129
2 MI	2.00	3.71E-06	8	6	8	0.054	0.1	42,000	3.40E-07	8,000	3.03E-06	1.102
2.5 MI	2.50	2.71E-06	8	6	8	0.054	0.1	42,000	3.40E-07	8,000	3.04E-06	0.804
X3	2.80	2.32E-06	6	4	8	0.035	0.1	28,000	2.17E-07	4,600	1.94E-06	0.687
X4	3.46	1.71E-06	6	4	8	0.029	0.1	24,000	1.84E-07	3,800	1.64E-06	0.553
X5	3.98	1.41E-06	6	4	8	0.030	0.1	24,000	1.87E-07	4,000	1.67E-06	0.456
X6	4.49	1.19E-06	2	2	0	0.018	0.0	14,000	1.15E-07	2,400	1.03E-06	0.384
5 MI	5.00	1.02E-06	2	2	0	0.025	0.0	20,000	1.56E-07	3,200	1.40E-06	0.330
X7	5.04	1.01E-06	2	2	0	0.018	0.0	14,000	1.14E-07	2,400	1.01E-06	0.326
X8	6.10	7.73E-07	2	2	0	0.018	0.0	14,000	1.14E-07	2,400	1.02E-06	0.250
X9	7.13	6.23E-07	NO DATA	CPM	NO DATA	0.013	0.0	10,000	7.91E-08	1,600	7.06E-07	0.220
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.014	0.0	12,000	9.07E-08	2,000	8.10E-07	0.205
X10	7.64	5.66E-07	NO DATA	CPM	NO DATA	0.014	0.0	12,000	9.08E-08	2,000	8.11E-07	0.200
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.012	0.0	10,000	7.74E-08	1,600	6.91E-07	0.190
X12	8.19	5.14E-07	NO DATA	CPM	NO DATA	0.012	0.0	10,000	7.74E-08	1,600	6.91E-07	0.181
10 MI	10.00	3.89E-07	NO DATA	CPM	NO DATA	0.012	0.0	10,000	7.42E-08	1,600	6.63E-07	0.198

EDCP (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

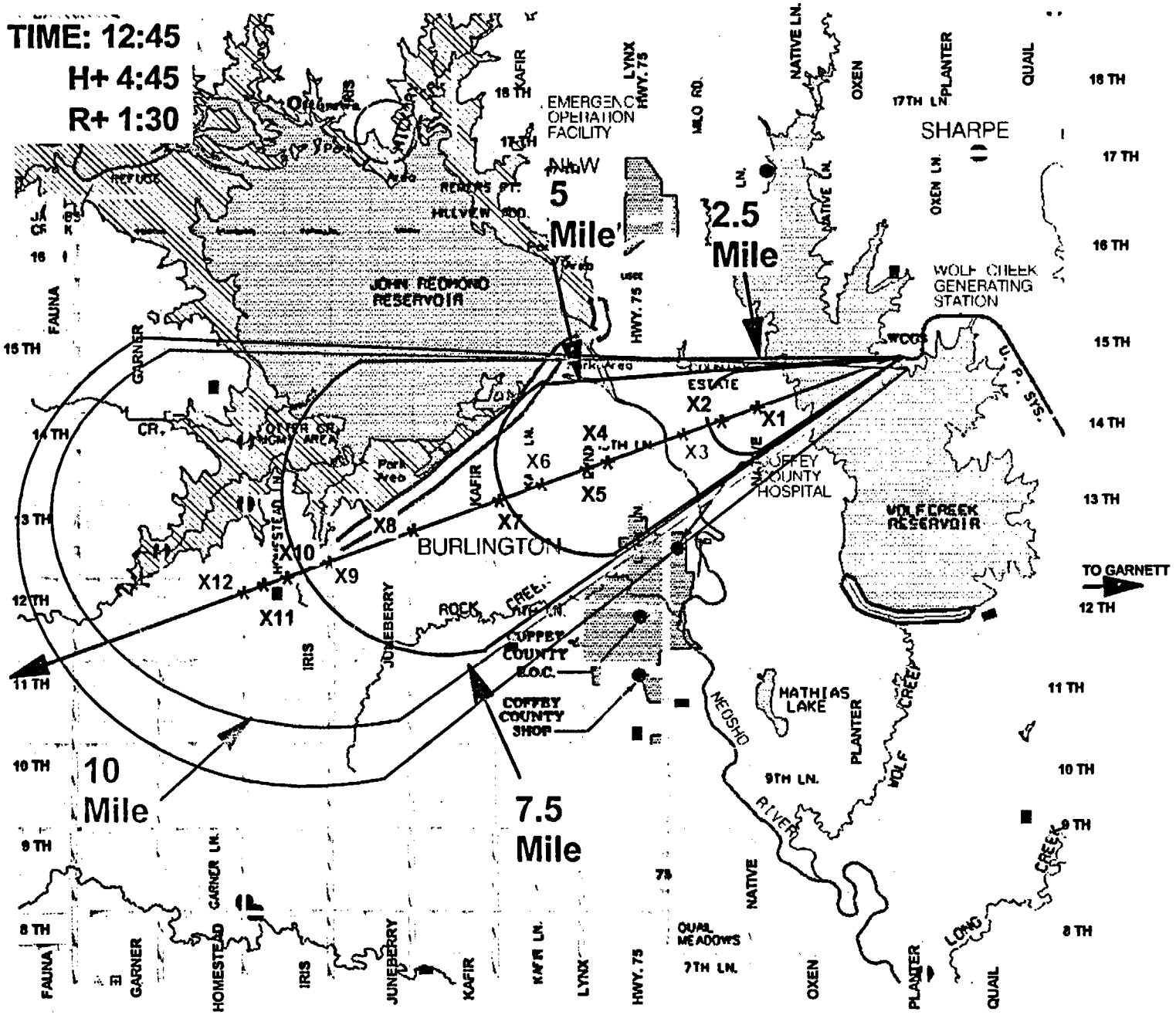
BACKGROUND = 40 CPM

- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario. MAP - 250 or 06-006 Att. A

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.

3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.


TIME: 12:45
H+ 4:45
R+ 1:30
5 Mile
2.5 Mile
10 Mile
7.5 Mile
EMERGENCY OPERATION FACILITY
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
SHARPE
BURLINGTON
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
16 TH
17 TH
15 TH
14 TH
13 TH
12 TH
11 TH
10 TH
9 TH
8 TH
NATIVE LN.
OXEN
PLANTER
QUAIL
LYNX
HWY. 75
MILO RD.
OXEN LN.
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
9TH LN.
7TH LN.
NEOSHO
ROCK CREEK
WOLF CREEK
LONG CREEK
U.P. SYS.

C33

TIME: ACTUAL 13:00 RELATIVE 5:00 POST RELEASE 1:45

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	50	38	48	0.343	0.6	280,000	2.15E-06	44,000	1.92E-05	5.450
X1	1.81	4.33E-06	8	6	8	0.059	0.1	46,000	3.72E-07	8,000	3.32E-06	1.177
X2	1.97	3.80E-06	10	8	8	0.077	0.1	60,000	4.83E-07	10,000	4.31E-06	1.035
2 MI	2.00	3.71E-06	10	8	8	0.072	0.1	60,000	4.51E-07	10,000	4.03E-06	1.010
2.5 MI	2.50	2.71E-06	8	6	8	0.047	0.1	38,000	2.94E-07	6,000	2.63E-06	0.737
X3	2.80	2.32E-06	6	4	8	0.042	0.1	32,000	2.61E-07	6,000	2.33E-06	0.630
X4	3.46	1.71E-06	6	4	8	0.028	0.1	22,000	1.75E-07	3,600	1.56E-06	0.507
X5	3.98	1.41E-06	2	2	0	0.023	0.0	18,000	1.47E-07	3,000	1.31E-06	0.418
X6	4.49	1.19E-06	2	2	0	0.026	0.0	20,000	1.62E-07	3,400	1.44E-06	0.352
5 MI	5.00	1.02E-06	2	2	0	0.023	0.0	18,000	1.43E-07	3,000	1.28E-06	0.302
X7	5.04	1.01E-06	2	2	0	0.021	0.0	16,000	1.31E-07	2,800	1.17E-06	0.299
X8	6.10	7.73E-07	NO DATA	CPM	NO DATA	0.012	0.0	10,000	7.34E-08	1,600	6.56E-07	0.229
X9	7.13	6.23E-07	NO DATA	CPM	NO DATA	0.013	0.0	10,000	7.89E-08	1,600	7.05E-07	0.202
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.010	0.0	8,000	6.09E-08	1,400	5.44E-07	0.188
X10	7.64	5.66E-07	NO DATA	CPM	NO DATA	0.014	0.0	10,000	8.62E-08	1,800	7.69E-07	0.183
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.010	0.0	8,000	6.07E-08	1,200	5.42E-07	0.174
X12	8.19	5.14E-07	NO DATA	CPM	NO DATA	0.011	0.0	8,000	7.10E-08	1,600	6.34E-07	0.166
10 MI	10.00	3.89E-07	NO DATA	CPM	NO DATA	0.012	0.0	10,000	7.74E-08	1,600	6.91E-07	0.181

EDCF (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

BACKGROUND = 40 CPM

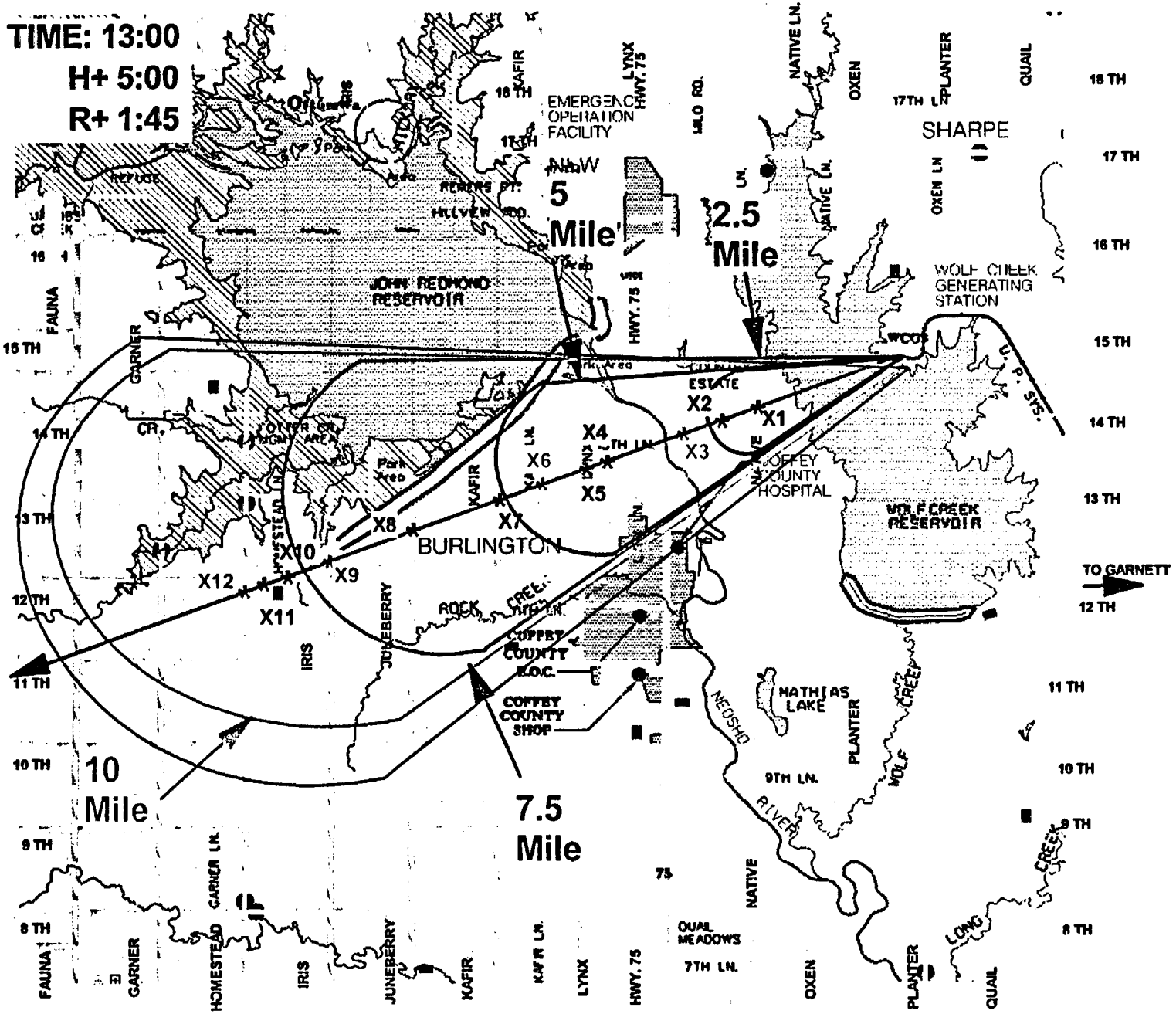
- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario.

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

MAP - 250 or 06-006 At.

C34


TIME: 13:00
H+ 5:00
R+ 1:45
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
10 Mile
7.5 Mile
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
COFFEY COUNTY EOC
COFFEY COUNTY SHOP
MATHIAS LAKE
SHARPE
ESTATE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
LYNX
HWY. 75
OXEN
PLANTER
QUAIL
NATIVE
NEOSHO
ROCK CREEK
WOLF CREEK
LONG CREEK
15TH
16TH
17TH
18TH
14TH
13TH
12TH
11TH
10TH
9TH
8TH
9TH LN.
7TH LN.

C35

TIME: ACTUAL 13:15 RELATIVE 5:15 POST RELEASE 2:00

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	34	26	32	0.227	0.4	180,000	1.43E-06	30,000	1.27E-05	3.612
X1	1.81	4.33E-06	10	8	8	0.066	0.1	60,000	4.14E-07	8,000	3.70E-06	1.079
X2	1.97	3.80E-06	8	6	8	0.047	0.1	38,000	2.96E-07	6,000	2.65E-06	0.949
2 MI	2.00	3.71E-06	10	8	8	0.071	0.1	60,000	4.47E-07	10,000	3.99E-06	0.926
2.5 MI	2.50	2.71E-06	6	4	8	0.037	0.1	28,000	2.30E-07	4,800	2.05E-06	0.676
X3	2.80	2.32E-06	6	4	8	0.035	0.1	28,000	2.22E-07	4,600	1.98E-06	0.578
X4	3.46	1.71E-06	2	2	0	0.026	0.0	20,000	1.62E-07	3,400	1.45E-06	0.465
X5	3.98	1.41E-06	6	4	8	0.028	0.1	22,000	1.79E-07	3,800	1.60E-06	0.383
X6	4.49	1.19E-06	2	2	0	0.025	0.0	20,000	1.58E-07	3,400	1.41E-06	0.323
5 MI	5.00	1.02E-06	2	2	0	0.020	0.0	16,000	1.26E-07	2,600	1.13E-06	0.277
X7	5.04	1.01E-06	2	2	0	0.020	0.0	16,000	1.26E-07	2,600	1.12E-06	0.274
X8	6.10	7.73E-07	NO DATA	CPM	NO DATA	0.014	0.0	10,000	8.65E-08	1,800	7.72E-07	0.210
X9	7.13	6.23E-07	NO DATA	CPM	NO DATA	0.012	0.0	10,000	7.38E-08	1,600	6.59E-07	0.185
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.009	0.0	8,000	5.92E-08	1,200	5.29E-07	0.172
X10	7.64	5.66E-07	NO DATA	CPM	NO DATA	0.013	0.0	10,000	7.97E-08	1,600	7.11E-07	0.168
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.009	0.0	8,000	5.56E-08	1,200	4.97E-07	0.160
X12	8.19	5.14E-07	NO DATA	CPM	NO DATA	0.009	0.0	6,000	5.42E-08	1,200	4.84E-07	0.152
10 MI	10.00	3.89E-07	NO DATA	CPM	NO DATA	0.011	0.0	8,000	7.10E-08	1,600	6.34E-07	0.166

EDCP (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

BACKGROUND = 40 CPM

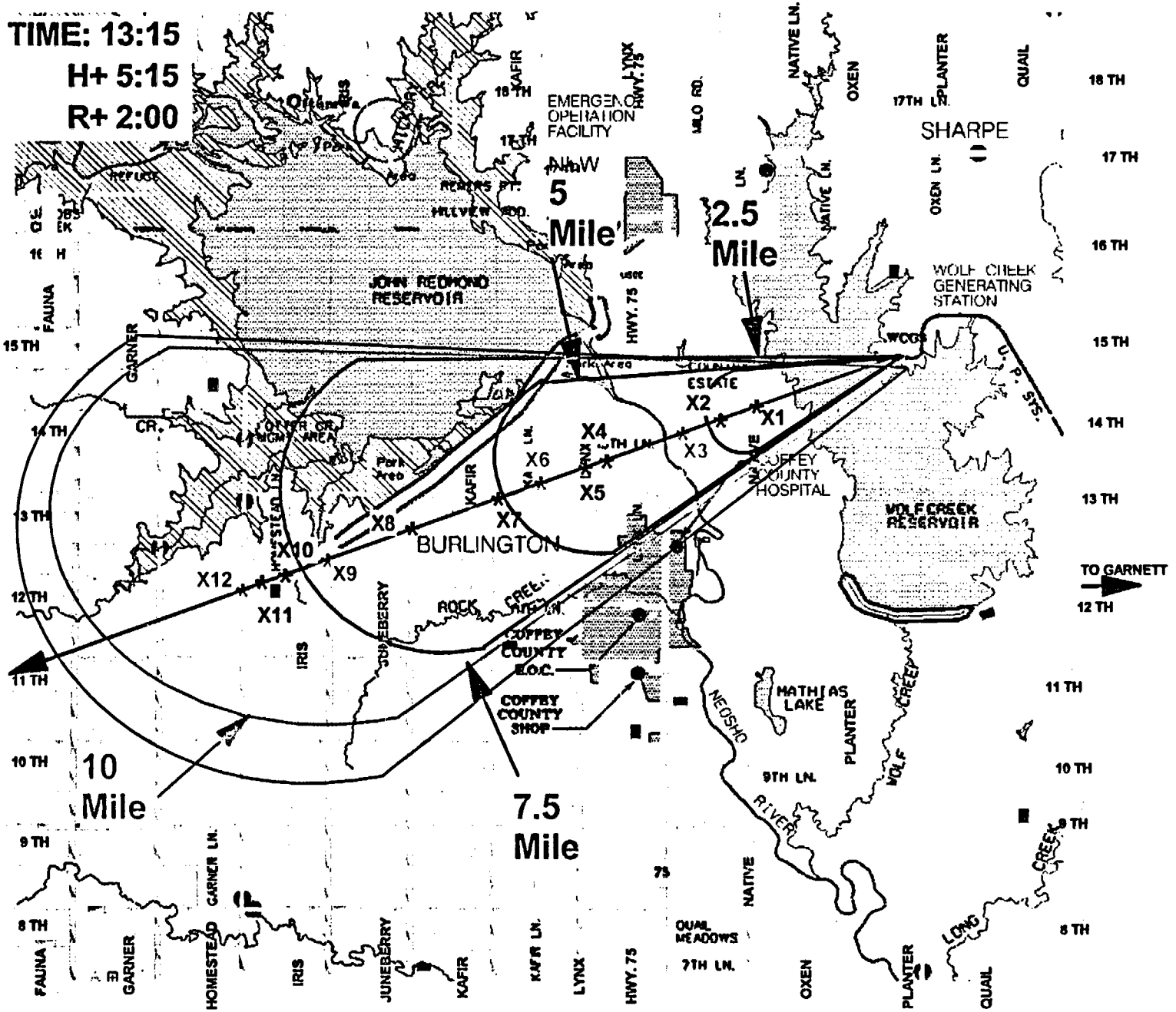
- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario.

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

MAP - 250 or 06-006 Att. A

C36


TIME: 13:15
H+ 5:15
R+ 2:00
5 Mile
2.5 Mile
10 Mile
7.5 Mile
EMERGENCY OPERATION FACILITY
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
SHARPE
BURLINGTON
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12

C37

TIME:	ACTUAL	13:30		RELATIVE	5:30	POST RELEASE	2:15				EDCP (per Scenario / 4Hr)	
LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr	CTR	W1
EAB	0.75	1.68E-05	40	30	40	0.266	0.5	220,000	1.67E-06	34,000	1.50E-05	4.237	CCL	SW-2
X1	1.81	4.33E-06	8	6	8	0.061	0.1	48,000	3.83E-07	8,000	3.42E-06	0.990	JRR	W-2
X2	1.97	3.80E-06	8	6	8	0.055	0.1	44,000	3.44E-07	8,000	3.07E-06	0.871	SW1	
2 MI	2.00	3.71E-06	6	4	8	0.044	0.1	34,000	2.75E-07	6,000	2.46E-06	0.849		
2.5 MI	2.50	2.71E-06	6	4	8	0.037	0.1	30,000	2.36E-07	5,000	2.10E-06	0.620		
X3	2.80	2.32E-06	6	4	8	0.036	0.1	28,000	2.26E-07	4,800	2.02E-06	0.530		
X4	3.46	1.71E-06	6	4	8	0.032	0.1	26,000	2.04E-07	4,200	1.82E-06	0.427		
X5	3.98	1.41E-06	6	4	8	0.027	0.1	22,000	1.71E-07	3,600	1.53E-06	0.351		
X6	4.49	1.19E-06	2	2	0	0.021	0.0	16,000	1.32E-07	2,800	1.18E-06	0.296		
5 MI	5.00	1.02E-06	NO DATA	CPM	NO DATA	0.017	0.0	14,000	1.06E-07	2,200	9.43E-07	0.254		
X7	5.04	1.01E-06	NO DATA	CPM	NO DATA	0.016	0.0	12,000	1.01E-07	2,200	9.06E-07	0.252		
X8	6.10	7.73E-07	NO DATA	CPM	NO DATA	0.015	0.0	12,000	9.53E-08	2,000	8.51E-07	0.193		
X9	7.13	6.23E-07	NO DATA	CPM	NO DATA	0.013	0.0	10,000	7.91E-08	1,600	7.06E-07	0.170		
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.012	0.0	10,000	7.31E-08	1,600	6.52E-07	0.158		
X10	7.64	5.66E-07	NO DATA	CPM	NO DATA	0.009	0.0	8,000	5.91E-08	1,200	5.27E-07	0.154		
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.011	0.0	8,000	7.07E-08	1,600	6.31E-07	0.147		
X12	8.19	5.14E-07	NO DATA	CPM	NO DATA	0.009	0.0	8,000	5.58E-08	1,200	4.98E-07	0.140		
10 MI	10.00	3.89E-07	NO DATA	CPM	NO DATA	0.009	0.0	6,000	5.42E-08	1,200	4.84E-07	0.152		

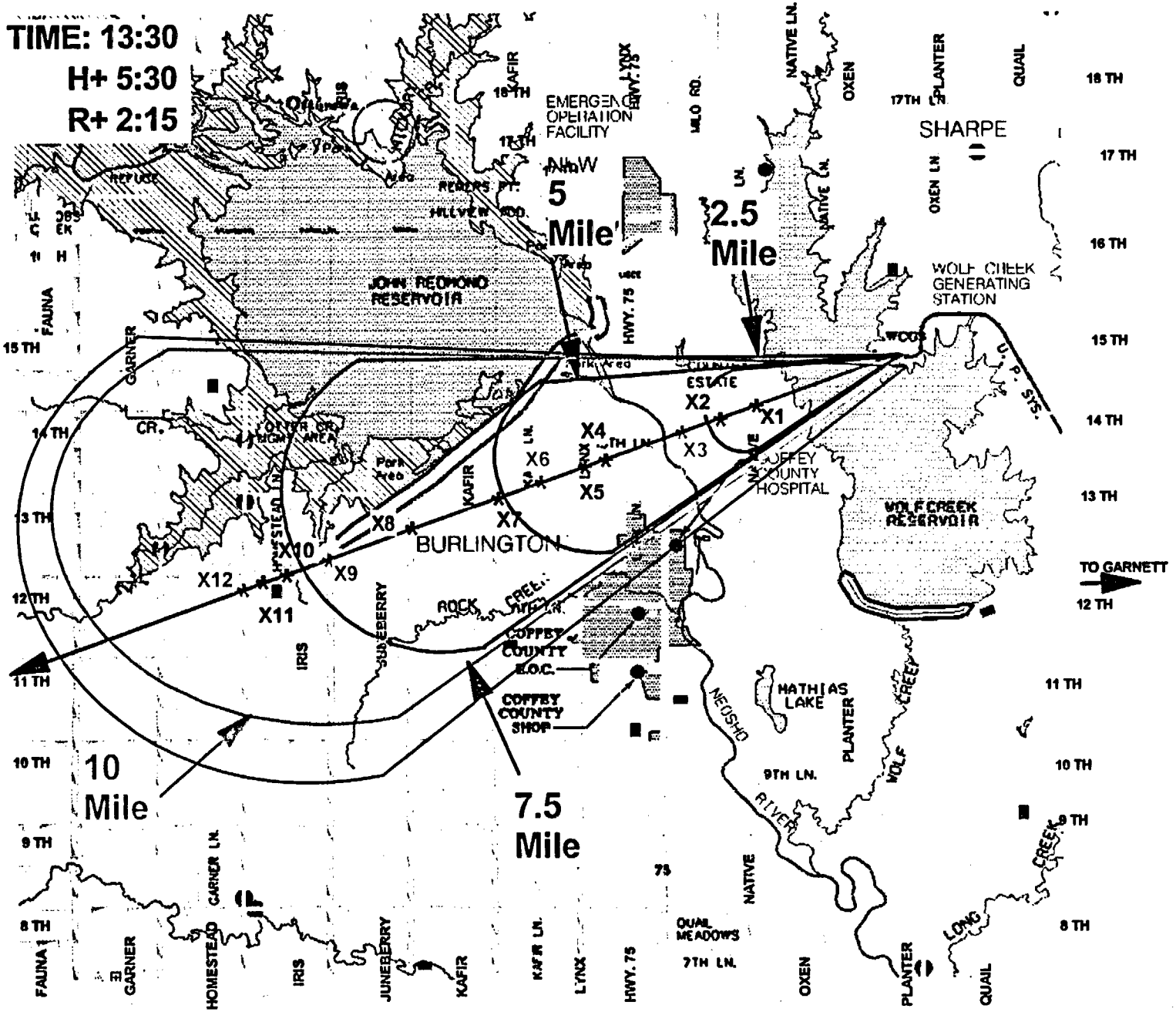
BACKGROUND = 40 CPM

- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario.

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

MAP - 250 or 06-006 Att. A


TIME: 13:30
H+ 5:30
R+ 2:15
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
10 Mile
7.5 Mile
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
SHARPE
ESTATE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
LYNX
HWY. 75
OXEN
PLANTER
QUAIL
NATIVE
NEOSHO
ROCK CREEK
WOLF CREEK
LONG CREEK
9TH LN.
7TH LN.
8 TH
9 TH
10 TH
11 TH
12 TH
13 TH
14 TH
15 TH
16 TH
17 TH
18 TH

C39

TIME: ACTUAL 13:45 RELATIVE 5:45 POST RELEASE 2:30

EDCP (per Scenario / 4Hr)

CTR W1
CCL SW-2
JRR W-2
SW1

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	34	26	32	0.238	0.4	180,000	1.49E-06	30,000	1.33E-05	3.779
X1	1.81	4.33E-06	10	8	9	0.070	0.1	60,000	4.38E-07	10,000	3.91E-06	0.908
X2	1.97	3.80E-06	9	6	8	0.061	0.1	48,000	3.82E-07	8,000	3.41E-06	0.798
2 MI	2.00	3.71E-06	6	4	8	0.043	0.1	34,000	2.68E-07	6,000	2.39E-06	0.779
2.5 MI	2.50	2.71E-06	6	4	8	0.041	0.1	32,000	2.56E-07	6,000	2.29E-06	0.569
X3	2.80	2.32E-06	6	4	8	0.027	0.1	22,000	1.71E-07	3,600	1.53E-06	0.486
X4	3.48	1.71E-06	6	4	8	0.028	0.1	22,000	1.76E-07	3,600	1.57E-06	0.391
X5	3.98	1.41E-06	2	2	0	0.025	0.0	20,000	1.55E-07	3,200	1.39E-06	0.322
X6	4.49	1.19E-06	NO DATA	CPM	NO DATA	0.017	0.0	14,000	1.10E-07	2,400	9.78E-07	0.272
5 MI	5.00	1.02E-06	NO DATA	CPM	NO DATA	0.011	0.0	8,000	6.92E-08	1,400	6.17E-07	0.233
X7	5.04	1.01E-06	NO DATA	CPM	NO DATA	0.013	0.0	10,000	8.03E-08	1,800	7.17E-07	0.231
X8	6.10	7.73E-07	NO DATA	CPM	NO DATA	0.011	0.0	8,000	6.99E-08	1,400	6.24E-07	0.177
X9	7.13	6.23E-07	NO DATA	CPM	NO DATA	0.008	0.0	6,000	5.16E-08	1,200	4.61E-07	0.156
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.009	0.0	8,000	5.78E-08	1,200	5.16E-07	0.145
X10	7.64	5.66E-07	NO DATA	CPM	NO DATA	0.011	0.0	8,000	6.92E-08	1,400	6.18E-07	0.141
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.010	0.0	8,000	6.27E-08	1,400	5.60E-07	0.134
X12	8.19	5.14E-07	NO DATA	CPM	NO DATA	0.007	0.0	6,000	4.41E-08	1,000	3.94E-07	0.128
10 MI	10.00	3.89E-07	NO DATA	CPM	NO DATA	0.009	0.0	8,000	5.58E-08	1,200	4.98E-07	0.140

BACKGROUND = 40 CPM

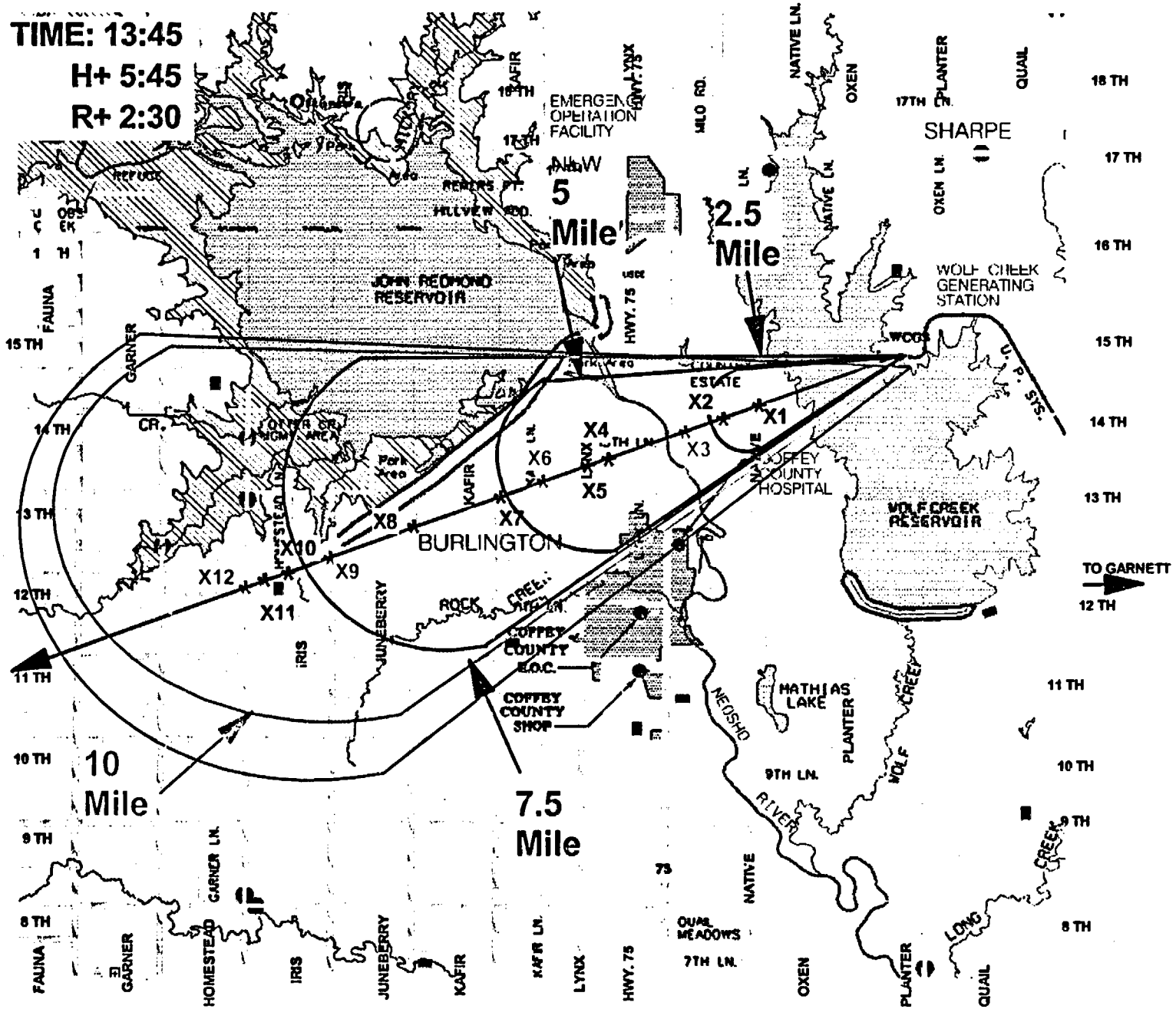
- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario.

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

MAP - 250 or 06-006 Att. A

C. 40


TIME: 13:45
H+ 5:45
R+ 2:30
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
10 Mile
7.5 Mile
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
WOLF CREEK RESERVOIR
COFFEY COUNTY HOSPITAL
BURLINGTON
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
SHARPE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
LYNX
HWY. 75
NATIVE
OXEN
PLANTER
QUAIL
QUAIL MEADOWS
NEOSHO
ROCK CREEK
LONG CREEK
WOLF RIVER
8 TH
9 TH
10 TH
11 TH
12 TH
13 TH
14 TH
15 TH
16 TH
17 TH
18 TH
9TH LN.
7TH LN.

C 41.

TIME: ACTUAL 14:00 RELATIVE 6:00 POST RELEASE 2:45

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	32	24	32	0.208	0.4	160,000	1.31E-06	28,000	1.17E-05	3.303
X1	1.81	4.33E-06	8	6	8	0.057	0.1	46,000	3.59E-07	8,000	3.20E-06	0.832
X2	1.97	3.80E-06	6	4	8	0.037	0.1	30,000	2.31E-07	4,800	2.07E-06	0.732
2 MI	2.00	3.71E-06	8	6	8	0.055	0.1	44,000	3.47E-07	8,000	3.10E-06	0.714
2.5 MI	2.50	2.71E-06	6	4	8	0.033	0.1	26,000	2.06E-07	4,400	1.84E-06	0.521
X3	2.80	2.32E-06	2	2	0	0.026	0.0	20,000	1.62E-07	3,400	1.45E-06	0.445
X4	3.46	1.71E-06	NO DATA	CPM	NO DATA	0.017	0.0	14,000	1.08E-07	2,200	9.63E-07	0.359
X5	3.98	1.41E-06	NO DATA	CPM	NO DATA	0.016	0.0	12,000	9.93E-08	2,000	8.86E-07	0.295
X6	4.49	1.19E-06	NO DATA	CPM	NO DATA	0.018	0.0	14,000	1.11E-07	2,400	9.93E-07	0.249
5 MI	5.00	1.02E-06	NO DATA	CPM	NO DATA	0.015	0.0	12,000	9.47E-08	2,000	8.46E-07	0.214
X7	5.04	1.01E-06	NO DATA	CPM	NO DATA	0.016	0.0	12,000	9.95E-08	2,200	8.89E-07	0.212
X8	6.10	7.73E-07	NO DATA	CPM	NO DATA	0.011	0.0	8,000	6.99E-08	1,400	6.24E-07	0.162
X9	7.13	6.23E-07	NO DATA	CPM	NO DATA	0.007	0.0	6,000	4.57E-08	1,000	4.08E-07	0.143
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.009	0.0	8,000	5.83E-08	1,200	5.20E-07	0.133
X10	7.64	5.66E-07	NO DATA	CPM	NO DATA	0.007	0.0	6,000	4.51E-08	1,000	4.02E-07	0.130
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.007	0.0	6,000	4.34E-08	1,000	3.87E-07	0.123
X12	8.19	5.14E-07	NO DATA	CPM	NO DATA	0.006	0.0	4,800	3.81E-08	800	3.40E-07	0.118
10 MI	10.00	3.89E-07	NO DATA	CPM	NO DATA	0.007	0.0	6,000	4.41E-08	1,000	3.94E-07	0.128

EDCP (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

BACKGROUND = 40 CPM

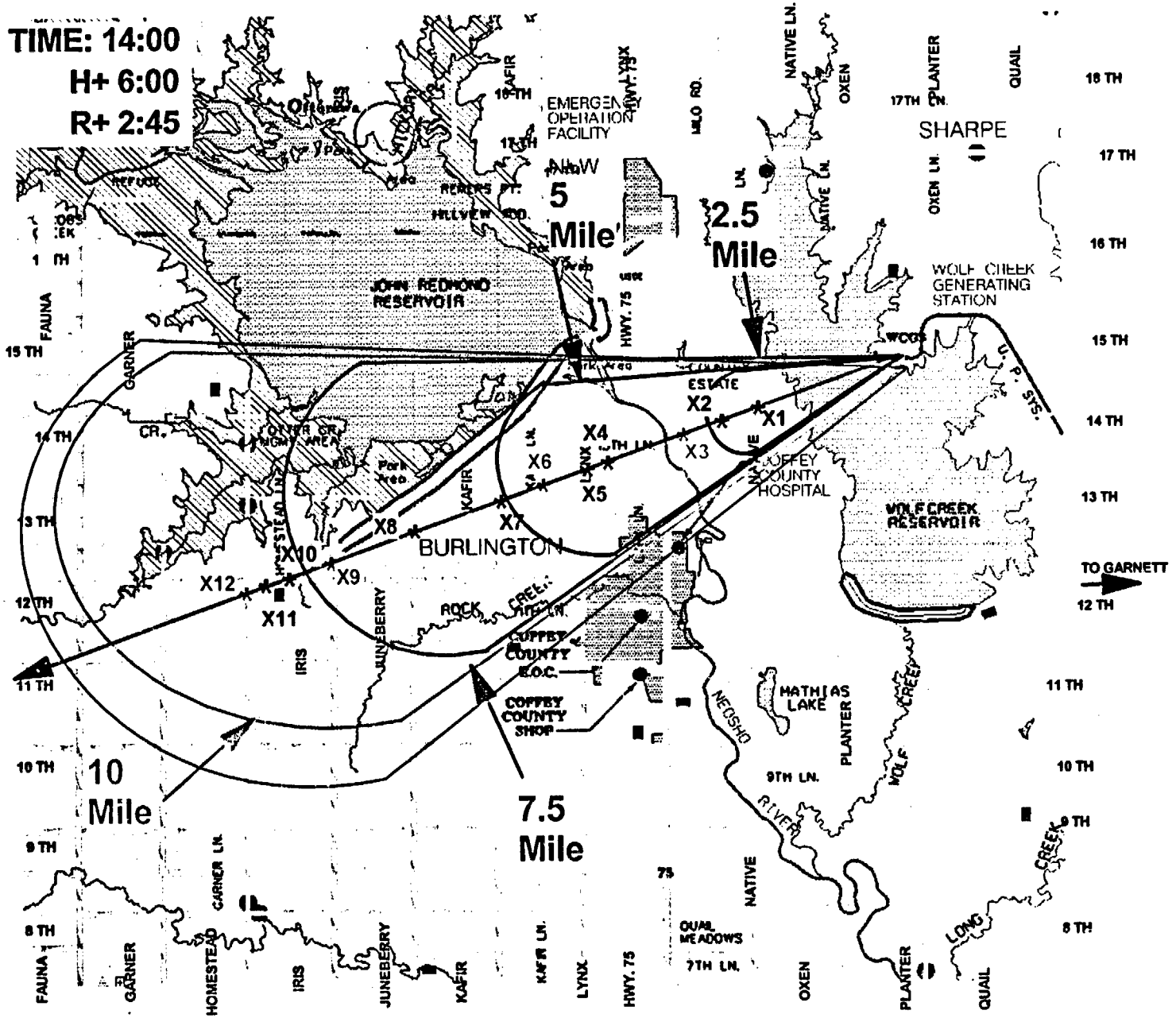
- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario. MAP - 250 or 06-006 Att. A

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.

3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

CH2


TIME: 14:00
H+ 6:00
R+ 2:45
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
10 Mile
7.5 Mile
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
SHARPE
ESTATE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
LYNX
HWY. 75
OXEN
PLANTER
QUAIL
NATIVE
OTTER CR.
ROCK CREEK
WOLF CREEK
LONG CREEK
NEOSHO RIVER
8 TH
9 TH
10 TH
11 TH
12 TH
13 TH
14 TH
15 TH
16 TH
17 TH
18 TH

C43

TIME: ACTUAL 14:15 RELATIVE 6:15 POST RELEASE 3:00

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	34	26	32	0.233	0.4	180,000	1.47E-06	30,000	1.31E-05	3.712
X1	1.81	4.33E-06	8	6	8	0.056	0.1	44,000	3.50E-07	8,000	3.13E-06	0.763
X2	1.97	3.80E-06	6	4	8	0.036	0.1	28,000	2.26E-07	4,800	2.01E-06	0.671
2 MI	2.00	3.71E-06	6	4	8	0.037	0.1	30,000	2.33E-07	4,800	2.08E-06	0.655
2.5 MI	2.50	2.71E-06	6	4	8	0.028	0.1	22,000	1.76E-07	3,600	1.57E-06	0.478
X3	2.80	2.32E-06	2	2	0	0.021	0.0	16,000	1.31E-07	2,800	1.17E-06	0.409
X4	3.46	1.71E-06	NO DATA	CPM	NO DATA	0.016	0.0	12,000	1.03E-07	2,200	9.18E-07	0.329
X5	3.98	1.41E-06	NO DATA	CPM	NO DATA	0.014	0.0	10,000	8.68E-08	1,800	7.75E-07	0.271
X6	4.49	1.19E-06	NO DATA	CPM	NO DATA	0.013	0.0	10,000	7.95E-08	1,600	7.09E-07	0.228
5 MI	5.00	1.02E-06	NO DATA	CPM	NO DATA	0.010	0.0	8,000	6.28E-08	1,400	5.61E-07	0.196
X7	5.04	1.01E-06	NO DATA	CPM	NO DATA	0.012	0.0	10,000	7.29E-08	1,600	6.51E-07	0.194
X8	6.10	7.73E-07	NO DATA	CPM	NO DATA	0.011	0.0	8,000	6.88E-08	1,400	6.14E-07	0.149
X9	7.13	6.23E-07	NO DATA	CPM	NO DATA	0.009	0.0	8,000	5.89E-08	1,200	5.26E-07	0.131
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.007	0.0	6,000	4.57E-08	1,000	4.08E-07	0.122
X10	7.64	5.66E-07	NO DATA	CPM	NO DATA	0.006	0.0	4,800	3.71E-08	800	3.31E-07	0.118
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.007	0.0	6,000	4.42E-08	1,000	3.95E-07	0.113
X12	8.19	5.14E-07	NO DATA	CPM	NO DATA	0.008	0.0	6,000	5.28E-08	1,200	4.72E-07	0.108
X12	10.00	3.89E-07	NO DATA	CPM	NO DATA	0.006	0.0	4,800	3.81E-08	800	3.40E-07	0.118

EDCP (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

BACKGROUND = 40 CPM

- FIELD TEAM DATA
- CALCULATED RESULTS

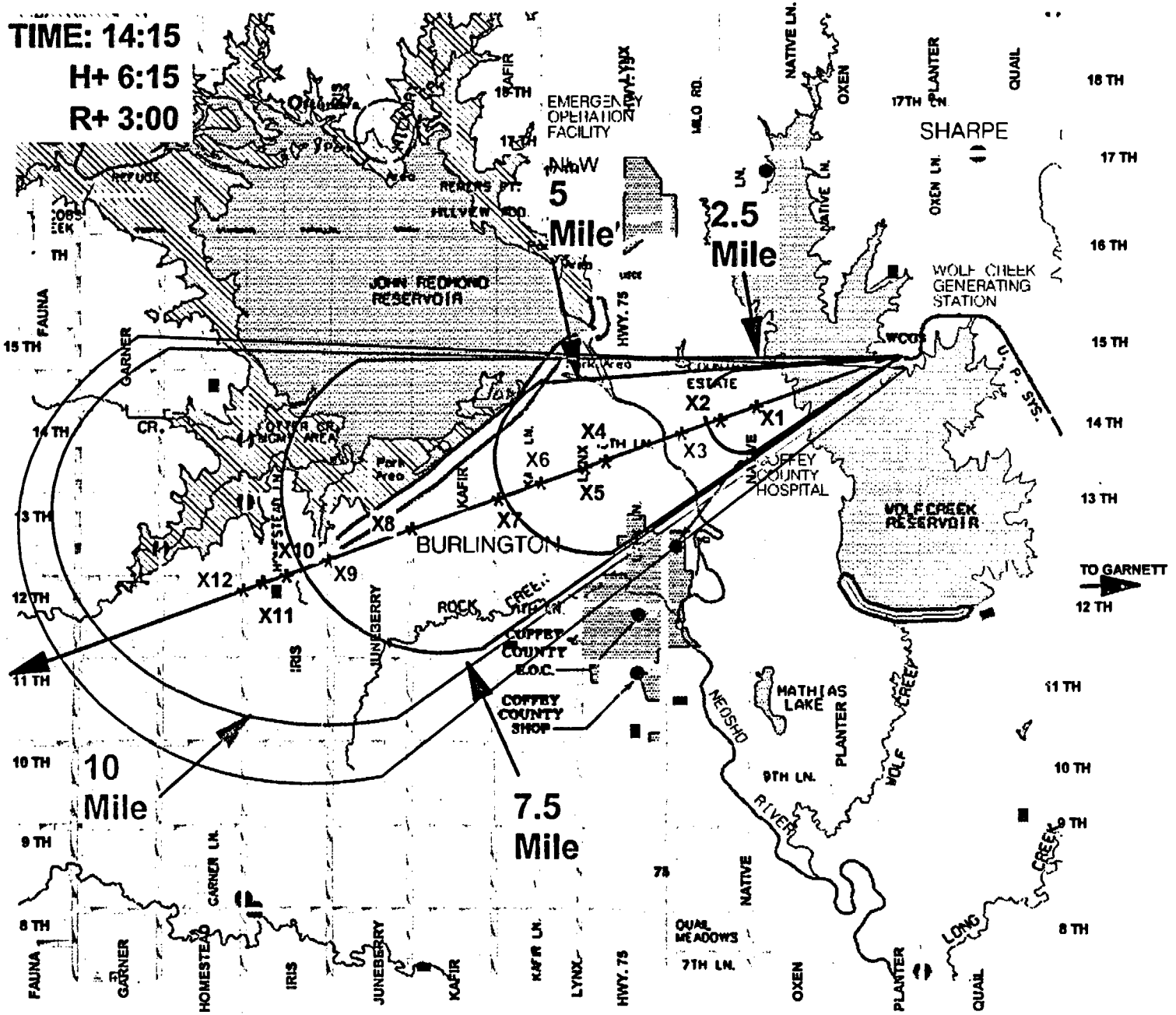
NOTE: 1. Affected subzones are based on the constructed sequence of this scenario.

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

MAP - 250

or 06-006 Att. A

C44


TIME: 14:15
H+ 6:15
R+ 3:00
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
10 Mile
7.5 Mile
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
MATHIAS LAKE
SHARPE
ESTATE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
LYNX
HWY. 75
OXEN
PLANTER
QUAIL
NATIVE
OXEN LN.
9TH LN.
7TH LN.
ROCK CREEK
NEOSHO RIVER
WOLF CREEK
LONG CREEK
8 TH
9 TH
10 TH
11 TH
12 TH
13 TH
14 TH
15 TH
16 TH
17 TH
18 TH

C4:5

TIME: ACTUAL 14:30 RELATIVE 6:30 POST RELEASE 3:15

LOCATION	DIST (MI)	X/Q	OPEN mREM/Hr	DOSE RATE mR / Hr	BETA mREM/Hr	TEDE REM/Hr	PIC DOSE RATE (mR/min)	PART CPM	PART uCi/cc	I-2 CPM	I-2 uCi/cc	I-2 CDE REM/Hr
EAB	0.75	1.68E-05	32	24	32	0.212	0.4	160,000	1.33E-06	28,000	1.19E-05	3.377
X1	1.81	4.33E-06	8	6	8	0.047	0.1	36,000	2.93E-07	6,000	2.62E-06	0.700
X2	1.97	3.80E-06	6	4	8	0.038	0.1	30,000	2.36E-07	5,000	2.11E-06	0.616
2 MI	2.00	3.71E-06	6	4	8	0.031	0.1	24,000	1.95E-07	4,000	1.74E-06	0.601
2.5 MI	2.50	2.71E-06	6	4	8	0.031	0.1	24,000	1.92E-07	4,000	1.72E-06	0.438
X3	2.80	2.32E-06	6	4	8	0.029	0.1	24,000	1.85E-07	3,800	1.65E-06	0.375
X4	3.46	1.71E-06	2	2	0	0.021	0.0	16,000	1.32E-07	2,800	1.18E-06	0.302
X5	3.98	1.41E-06	NO DATA	CPM	NO DATA	0.012	0.0	10,000	7.47E-08	1,600	6.67E-07	0.248
X6	4.49	1.19E-06	NO DATA	CPM	NO DATA	0.016	0.0	12,000	1.01E-07	2,200	9.02E-07	0.209
5 MI	5.00	1.02E-06	NO DATA	CPM	NO DATA	0.009	0.0	8,000	5.69E-08	1,200	5.08E-07	0.180
X7	5.04	1.01E-06	NO DATA	CPM	NO DATA	0.010	0.0	8,000	5.98E-08	1,200	5.34E-07	0.178
X8	6.10	7.73E-07	NO DATA	CPM	NO DATA	0.008	0.0	6,000	5.07E-08	1,000	4.53E-07	0.136
X9	7.13	6.23E-07	NO DATA	CPM	NO DATA	0.006	0.0	4,600	3.56E-08	800	3.17E-07	0.120
7.5 MI	7.50	5.81E-07	NO DATA	CPM	NO DATA	0.008	0.0	6,000	4.81E-08	1,000	4.30E-07	0.112
X10	7.64	5.66E-07	NO DATA	CPM	NO DATA	0.007	0.0	6,000	4.31E-08	1,000	3.84E-07	0.109
X11	7.91	5.39E-07	NO DATA	CPM	NO DATA	0.007	0.0	6,000	4.18E-08	1,000	3.73E-07	0.104
X12	8.19	5.14E-07	NO DATA	CPM	NO DATA	0.008	0.0	6,000	4.89E-08	1,000	4.36E-07	0.099
X12	0.00	0.00E+00	NO DATA	CPM	NO DATA	0.008	0.0	6,000	5.28E-08	1,200	4.72E-07	0.108

EDCP (per Scenario / 4Hr)

CTR	W1
CCL	SW-2
JRR	W-2
SW1	

BACKGROUND = 40 CPM

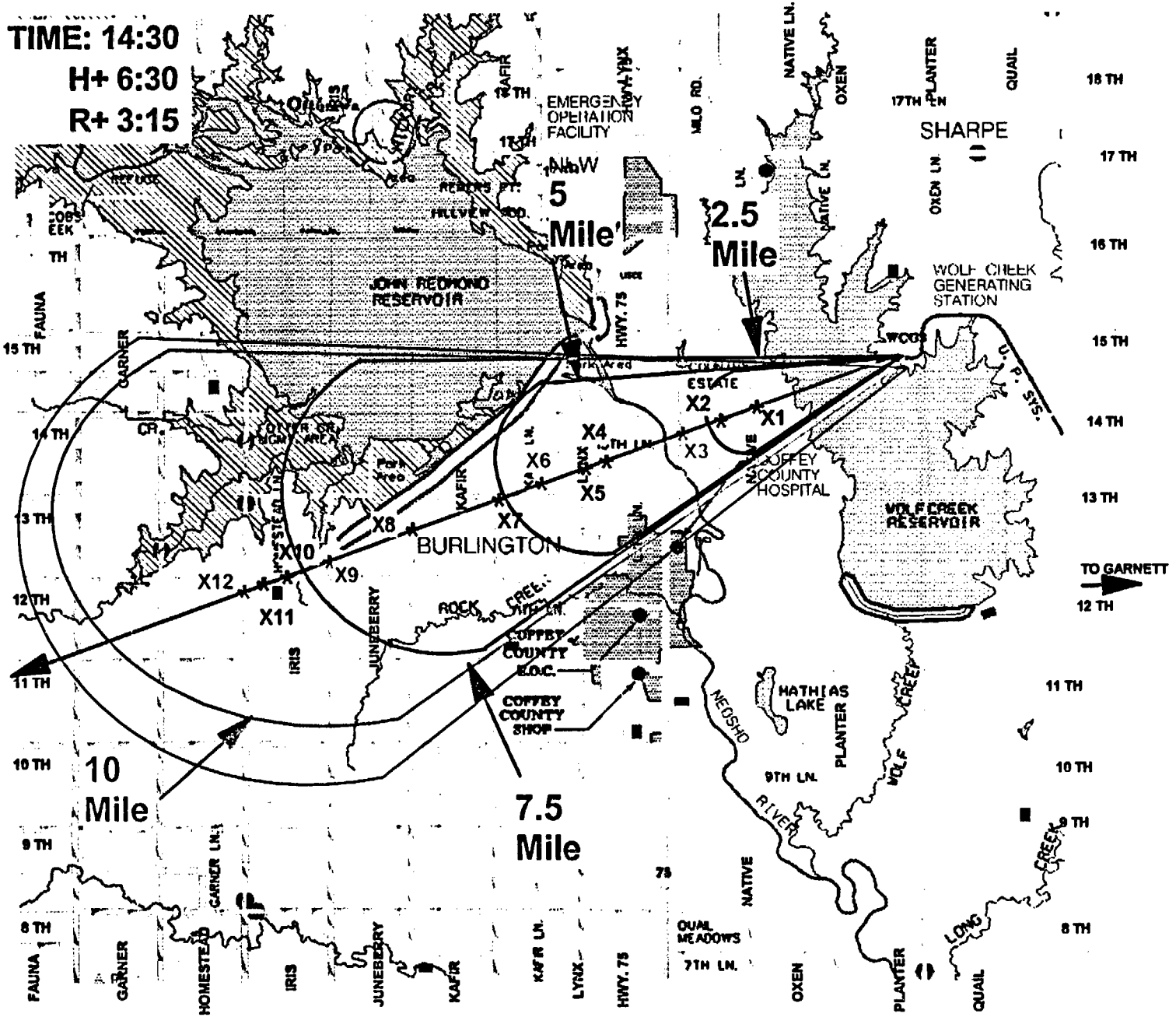
- FIELD TEAM DATA
- CALCULATED RESULTS

NOTE: 1. Affected subzones are based on the constructed sequence of this scenario.

2. Green reflects the additional zones affected by a 4 Hr. release, a value often used to assume time to cooldown / terminate the release. Other assumptions may result in a variance in affected subzones.
3. The zones in red indicates that additional subzones which EPP 06-006 Attachment A identifies as being affected.

MAP - 250 or 06-006 Att. A

C46


TIME: 14:30
H+ 6:30
R+ 3:15
EMERGENCY OPERATION FACILITY
5 Mile
2.5 Mile
10 Mile
7.5 Mile
JOHN REDMOND RESERVOIR
WOLF CREEK GENERATING STATION
COFFEY COUNTY HOSPITAL
WOLF CREEK RESERVOIR
BURLINGTON
COFFEY COUNTY E.O.C.
COFFEY COUNTY SHOP
HATHIAS LAKE
QUAIL MEADOWS
SHARPE
TO GARNETT
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
FAUNA
GARNER
HOMESTEAD
IRIS
JUNEBERRY
KAFIR
LYNX
HWY. 75
NATIVE
OXEN
PLANTER
QUAIL
NEOSHO
ROCK CREEK
WOLF RIVER
LONG CREEK
8 TH
9 TH
10 TH
11 TH
12 TH
13 TH
14 TH
15 TH
16 TH
17 TH
18 TH

C47

ADDENDUM **TO: Ken Thrall (DE-EP)**

ITEMS TO CORRECT PRIOR TO USING SCENARIO AGAIN

From:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____

INDEX