

APPENDIX B

ESS TROUBLESHOOTING PLAN

10. GENERAL

10.1 Scope. This appendix covers some considerations useful in formulating a troubleshooting plan to address ESS failures.

10.2 Purpose. The purpose of this appendix is to assure that adequate planning is accomplished prior to ESS testing to minimize the environmental effects on the equipment under test during the pre defect-free and defect free periods.

20. TROUBLESHOOTING CONSIDERATIONS

20.1 Content. A detailed troubleshooting plan shall be formulated prior to the start of ESS testing. This plan may be a part of or a supplement to the test procedure required in 6.3. The plan shall be coordinated with the performance monitoring procedures, utilize BIT to the fullest extent possible, and take full advantage of all data resulting from performance monitoring, including trend data.

20.2 Considerations. In preparing the plan the following guidelines shall be considered.

20.2.1 Identification. Recognizing that failures may degrade the ability to monitor the performance of the equipment, conventional fault isolation and identification techniques may not be appropriate. It may be advantageous or even necessary to perform functional tests on a module or a