

NRC INSPECTION MANUAL

INSPECTION PROCEDURE 72516

STARTUP TEST PROCEDURE REVIEW: SHUTDOWN FROM OUTSIDE THE CONTROL ROOM (GROUP A)

PROGRAM APPLICABILITY:

72516-01 INSPECTION OBJECTIVE

Ascertain whether shutdown from outside the Control Room tests are consistent with regulatory requirements, guidance, license commitments, and technical specifications.

72516-02 INSPECTION REQUIREMENTS

02.01 Review the FSAR, DL Safety Evaluation Report, and docketed letters from the licensee and verify that the testing commitments have been included.

02.02 Verify standard procedures review requirements are met as described in Procedure 72300.

02.03 Verify that the procedure contains acceptance criteria as follows:

- a. Demonstrate that the reactor can be brought from a steady-state power level to a point where cool down has been initiated using controls outside of the control room.

02.04 Verify that the following precautions are included:

- a. Crew assignments are provided to perform necessary manual functions, if needed, to maintain safe plant conditions.
- b. Operations from the control room are permitted and defined to protect the equipment or secure systems not related to the controlled shutdown.
- c. Plant staffing and control room manning must satisfy technical specifications during the test.

02.05 Confirm that initial conditions include:

- a. Steady-state operations at greater than 10% generator output.

02.06 Verify that test conditions provide for:

- a. Recording of data during the transient and until steady-state conditions are achieved.
- b. The reactor trip after the simulated evacuation of the control room.
- c. Examination of data for any unusual equipment performance.
- d. Recording of operator action at the remote shutdown panel and in the control room.
- e. Restoration of the plant to normal operation using facility operating procedures.

72516-03 INSPECTION GUIDANCE

General: Guidance is provided in R.G. 1.68, Revision 2, Paragraph 5.dd; Appendix B; and Appendix C.

- 4.b The procedure should list those specific actions which are planned for the operators remaining in the control room, and specifically require that any action taken which was not pre-planned be recorded. Unplanned actions must be reviewed to assure that they did not invalidate the test results.

END