

# NRC INSPECTION MANUAL

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## INSPECTION PROCEDURE 72517

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### STARTUP TEST PROCEDURE REVIEW LOSS OF OFFSITE POWER (GROUP B)

#### PROGRAM APPLICABILITY:

#### 72517-01 INSPECTION OBJECTIVE

Ascertain whether loss of offsite power tests are consistent with regulatory requirements, guidance, license commitments, and technical specifications.

#### 72517-02 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 procedure review requirements are met as described in Procedure 72300.

02.03 Verify that acceptance criteria include:

- a. Automatic transfer of plant loads as designed.
- b. Reactor pressure remains below the first safety valve setting.
- c. All safety systems such as RPS, HPCI, diesel generators and RCIC function without manual assistance.
- d. Normal reactor cooling systems should maintain adequate core temperatures, and prevent actuation of the Automatic Depressurization System; however selected relief valves may function to control pressure.

02.04 Assure that precautions provide:

- a. Assurance that test conditions do not exceed allowable conditions for turbine overspeed.
- b. Crew assignments to perform necessary manual functions to maintain safe plant conditions.

- c. Insurance that necessary procedures for recovery from this test are reviewed and are available before commencing the test.

02.05 Verify that initial conditions include:

- a. Steady-state power (Greater than 10%)
- b. Recirculation system flow control mode

02.06 Assure that test conditions include:

- a. Recording of data during transient using high speed equipment.
- b. Trip of the plant to assure loss of output from main generator and incoming circuits.
- c. Verification that initial operating plant loads are in the final expected load conditions.
- d. Examination of data for any unusual equipment performance.
- e. Restoration of plant to normal operating conditions using facility operating procedures.

#### 72517-03 INSPECTION GUIDANCE

Guidance is provided in R.G. 1.68, Revision 2, Appendix A, Paragraph 5.jj; Appendix B; and Appendix C.

END