

NRC INSPECTION MANUAL

IPB

INSPECTION PROCEDURE 70315

ENGINEERED SAFETY FEATURES TEST PREOPERATIONAL TEST WITNESSING

PROGRAM APPLICABILITY: 2509

70315-01 INSPECTION OBJECTIVES

- 01.01 Verify that the testing is conducted in accordance with approved procedures,
- 01.02 Independently verify the acceptability of test results, and
- 01.03 Evaluate the performance of licensee personnel conducting the test.

70315-02 INSPECTION REQUIREMENTS

The inspector shall:

- 02.01 Schedule an inspection to coincide with this testing.
- 02.02 Obtain and review the Engineered Safety Features Test Procedure prior to witnessing the test.
- 02.03 Review Regulatory Guide 1.68 and applicable portions of the FSAR, SER, Technical Specifications, and docket correspondence. Verify that Engineered Safety Features are adequately tested to ensure that NRC requirements and licensee commitments are satisfied.
- 02.04 Observe licensee personnel conducting the test. Verify that:
 - a. tests are conducted in accordance with approved procedures,
 - b. approved test procedures are available to personnel conducting the test,
 - c. test equipment is properly installed,
 - d. test data is collected and recorded in the approved manner, and
 - e. evaluate the licensee personnel's ability to conduct the test.

03.01 By witnessing this test, the inspector should ensure the important system performance functions are adequately tested. Areas which should be witnessed include (but are not limited to):

- a. High Pressure Coolant Injection system operation,
- b. Low Pressure Coolant Injection system operation,
- c. High and/or Low Pressure Core Spray Injection System operation,
- d. Auto depressurization system operation,
- e. Standby Gas Treatment System operation,
- f. accumulator and core flood tanks,
- g. containment recirculation fans and coolers, and
- h. drywell coolers.

NOTE: Items may be part of other system tests.

END