

PREOPERATIONAL TEST RESULT EVALUATION VERIFICATION

PROGRAM APPLICABILITY: 2513

70329-01 INSPECTION OBJECTIVES

01.01 Assure that test results are being adequately evaluated.

01.02 Evaluate the adequacy of the licensee's administrative practices with respect to test data evaluation.

70329-02 INSPECTION REQUIREMENTS

02.01 Review Regulatory Guide 1.68 and applicable portions of the FSAR to determine licensee preoperational testing commitments.

02.02 Verify that the licensee has evaluated the results of all preoperational testing in a manner consistent with preoperational testing commitments.

70329-03 INSPECTION GUIDANCE¹

03.01 The emphasis of this inspection procedure should be to ensure that all preoperational test results are evaluated by the licensee. The areas/systems which should be covered include (but are not limited to):

- a. Cold and Hot Flush of Systems
- b. Component and Pipe Expansion
- c. Leak Detection
- d. Communication Systems
- e. In-Service Inspection
- f. Pressure Suppression Chamber
- g. Auxiliary Startup Instrumentation

¹ Specific guidance for Section 02.01.
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- h. Containment Building
- i. Auxiliary Building
- j. Instrument Air System
- k. Electrical Systems
- l. Reactor Components Handling System
- m. Integrated Cold Functional Test
- n. Vessel Servicing Equipment
- o. Refueling Equipment
- p. Storage Equipment
- q. Fuel Handling and Fuel Storage System
- r. Seal Water System
- s. Vent and Drain System
- t. Seal and Pump Cooling Water System
- u. Component Cooling Water System
- v. Fire Protection System
- w. Service Water System
- x. Seismic Instrumentation
- y. Reactor Vessel Head Cooling
- z. Purification Condenser
- aa. Emergency Condenser
- bb. Shield Cooling System

The inspector should ensure that the primal test procedures not specifically reviewed are included in this inspection procedure.

END