

## SECTION I

### INSPECTION OBJECTIVES

1. Verify that the testing is conducted in accordance with approved procedures,
2. Independently verify the acceptability of test results, and
3. Evaluate the performance of licensee personnel conducting the test.

SECTION II  
INSPECTION REQUIREMENTS

The inspector shall:

1. Schedule an inspection to coincide with this testing.
2. Obtain and review the Residual or Decay Heat Removal System Test Procedure prior to witnessing the test.
3. Review Regulatory Guide 1.68 and applicable portions of the FSAR, SER, Technical Specifications, and docket correspondence. Verify that the Residual/Decay Heat Removal System is adequately tested to ensure that NRC requirements and licensee commitments are satisfied.
4. 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.

### SECTION III

#### INSPECTION GUIDANCE

1. By witnessing this test, the inspector should ensure that important system performance functions are adequately tested. Areas which should be witnessed include (but are not limited to):
  - a. proper operation of system components in each system configuration,
  - b. operation of system isolation valve control,
  - c. operation of system logic, protection, instrumentation and alarm functions,
  - d. demonstrated redundancy and electrical independence where applicable,
  - e. flushing and hydrostatic tests, and
  - f. ability of the system to remove heat from the reactor.

NOTE: Items may be part of other systems tests.