

NRC INSPECTION MANUAL

INSPECTION PROCEDURE 70314

HFT WITNESSING

PROGRAM APPLICABILITY:

70314-01 INSPECTION OBJECTIVES

The objectives of witnessing the Integrated Hot Functional Test (HFT) are to:

- 01.01 Establish through observations by the inspector, records review, and independent checks that the testing is conducted in accordance with approved procedures.
- 01.02 To independently verify the acceptability of test results, and
- 01.03 To evaluate the performance of the licensee personnel involved in test performance.

70314-02 INSPECTION REQUIREMENTS

Witness Integrated Hot Functional Test (HFT)

02.01 Overall Crew Performance

- a. Procedure or appropriate revision available and in use by all crew members
- b. Minimum crew requirements are met
- c. Test prerequisites are met (50% sampling)
- d. Proper plant systems in service (50% sampling)
- e. Special test equipment required by the procedure is calibrated and inservice
- f. Test is performed as required by the procedure
- g. Crew actions are correct and timely during the performance of the test; i.e., adequate coordination
- h. All data is collected for final analysis by the proper personnel

02.02 Test results (sampling basis) observed by the inspector indicate that acceptance criteria have been met.

70314-03 INSPECTION GUIDANCE

Schedule an inspection to coincide with a portion of the HFT. Prepare an individual inspection schedule for the specific items observed.

END