

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 in service
- 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