



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION II
 101 MARIETTA STREET, N.W., SUITE 2900
 ATLANTA, GEORGIA 30323-0199

Report Nos.: 50-390/93-49 and 50-391/93-49

Licensee: Tennessee Valley Authority
 3B Lookout Place
 1101 Market Street
 Chattanooga, TN 37402-2801

Docket Nos.: 50-390 and 50-391

License Nos.: CPPR-91 and CPPR-92

Facility Name: Watts Bar 1 and 2

Inspection Conducted: July 6 - 13, 1993

Inspector: C. Smith

8-17-93
Date Signed

Approved by: Caudle A. Julian
 Caudle A. Julian, Chief
 Engineering Branch
 Division of Reactor Safety

8/17/93
Date Signed

SUMMARY

Scope:

This routine, announced inspection was conducted in the area of review of Preoperational Test Instruction, PTI-070.01 Component Cooling System Pump/Valve Logic Test, Revision 1.

Results:

Preoperational Test Instruction, PTI-070.01, Component Cooling System Pump/Valve Logic Test, Revision 1, was reviewed to verify compliance with: (1) the licensee's Chapter 14 FSAR commitments; (2) Startup Manual Administrative requirements; and (3) design bases development references. The inspector concluded that PTI-070.01 was generally adequate with some exceptions. The exceptions involved technical and administrative deficiencies identified by the inspector during the review. A violation was identified for the licensee's failure to perform an adequate review of the PTI in accordance with approved procedural controls. This item was identified as an Unresolved Item in this report and cited as one example of a violation in report 50-390,391/93-53.

6.7 which did not exist. Numerous errors involving numerical step designations in sections 4.0 and 6.0 were identified by the inspector. These errors were introduced upon removal of valve 2-FCV-70-153 from the scope of PTI-070.01. One minor drafting error was identified on drawing number 1-45W760-211-8. The inspector was informed that a drawing deviation (DD) would be written to have this deficiency corrected.

The licensee initiated Change Notice (CN) No. 1 to have the deficiencies identified by the inspector corrected. A facsimile copy of the CN was also transmitted to the inspector for his review. Based upon this in-office review the inspector determined that the CN did not include correcting step 6.24.35 for the 1B-B Thermal Barrier Booster pump. The licensee was informed of this omission in a telephone conversation. Change Notice No. 7 was subsequently prepared and approved by the JTG on July 19, 1993, for correcting step 6.24.35. At the exit interview the inspector expressed concern that the licensee had performed an inadequate QC verification of PTI-070.01, Revision 1 changes. Inadequacies in the technical and administrative reviews performed by licensee personnel were also demonstrated by the inspector's findings. A violation was identified for the inadequate QC verification of Revision 1 changes and inadequate technical and administrative reviews performed by the licensee staff. This item was identified as an Unresolved Item (URI) 50-390/93-49-01, "Failure to follow procedures for review of Preoperational Test Instructions,".

3. Exit Interview

The inspection scope and results were summarized on July 13, 1993, with those persons indicated in paragraph 1. The inspector described the areas inspected and discussed in detail the inspection results listed below. Proprietary information is not contained in this report. Dissenting comments were not received from the licensee.

Station Management was informed at this meeting that a violation had been identified. Subsequently NRC decided to issue this violation as one of several examples of a violation cited in inspection report 50-390,391/93-53. This item is identified as:

URI 50-390/93-49-01, "Failure to follow procedures for review of Preoperational Test Instructions."