



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30303

Report No.: 50-390/78-25

Docket No.: 50-390

License No.: CPPR-91

Licensee: Tennessee Valley Authority
830 Power Building
Chattanooga, Tennessee 37401

Facility Name: Watts Bar 1

Inspection at: Watts Bar Site

Inspection conducted: August 31 - September 1, 1978

Inspectors: A. G. Wagner
J. A. Dyer

Accompanying Personnel: None

Reviewed by:

R. D. Martin
R. D. Martin, Chief

Nuclear Support Section No. 1

Reactor Operations and Nuclear Support Branch

9/25/78
Date

Inspection Summary

Inspection on August 31 - September 1, 1978: (Report No. 50-390/78-25)

Areas Inspected: Routine, unannounced inspection to determine the status of the preoperational test program, procedure preparation and administrative procedures. A plant inspection tour was also conducted. The inspection involved 24 inspector-hours onsite by two NRC inspectors.

Results: Of the areas inspected, no items of noncompliance or deviations were identified.

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DETAILS I

Prepared by: *R. D. Martin for*
 A. G. Wagner, Reactor Inspector
 Nuclear Support Section No. 1
 Reactor Operations and Nuclear
 Support Branch

9/25/78
 Date

R. D. Martin for
 J. A. Dyer, Reactor Inspector
 Nuclear Support Section No. 1
 Reactor Operations and Nuclear
 Support Branch

9/25/78
 Date

Dates of Inspection: August 31 - September 1, 1978

Reviewed by: *R. D. Martin*
 R. D. Martin, Chief
 Nuclear Support Section No. 1
 Reactor Operations and Nuclear
 Support Branch

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1. Persons Contacted

Tennessee Valley Authority

- *C. Mason, Assistant Plant Superintendent
- *B. Willis, QA Supervisor
- *M. Jones, Preoperational Test Supervisor

Westinghouse Electric Corporation

- A. Hogarth, Westinghouse Site Manager
- K. Eltzroth, Westinghouse Systems Engineer

*Denotes those present at exit interview.

2. Licensee Action on Previous Inspection Findings

None

3. Unresolved Items

None

4. Exit Interview

The exit interview was conducted at the conclusion of the inspection on September 1, 1978. The items in the following details were discussed.

5. Preoperational Testing

Preoperational procedure status and test scheduling was discussed with licensee management personnel. The inspectors requested that copies of approved preoperational test procedures and a copy of the testing schedule, currently being revised, be mailed to the Region II office to assist in the inspectors review.

6. Test Procedure Review

It was noted by the inspector that several of the preoperational test procedures approved for use were not reviewed by the Nuclear Steam Supply System vendor as required by the Operational Quality Assurance Manual (OQAM) Part II, Section 4.1, paragraph 2.5. This was discussed with licensee management and had been previously identified by them. It is our understanding that Westinghouse is now reviewing all procedures involving the nuclear steam supply system. Furthermore, we also understand that all procedures previously approved for use will be reviewed by Westinghouse prior to their performance if they had not previously received their review.

It was also noted by the inspector that one of the approved for use procedures did not have Division of Engineering Design review as required by OQAM Part II, Section 4.1. This was discussed with licensee management. It was found that the required approval memorandum was in the master file. It is our understanding that this approval will be noted on the test instruction cover sheet.

7. Administrative Procedures

- a. The inspector discussed with licensee management, their intentions as to the time frame in which the Preoperational Test Supervisor and the Plant Superintendent will review non-critical changes to test instructions as required by the Watts Bar Standard Practice Manual paragraph 3.3.1. It is our understanding that the non-critical changes will be reviewed by the Preoperational Test Supervisor and the Plant Superintendent within approximately ten working days.

- b. The inspector discussed, with licensee management, the use of test exceptions as described in the OQAM Part II, Section 4.1, paragraph 7.2. The inspector was concerned that this could be used to implement a change to a test instruction without proper approval. The inspector stated that he would review this further and discuss it with his management.

Subsequent to the inspection, on September 6, 1978, the inspector contacted a licensee management representative and informed him that a test exception, as described in OQAM Part II, Section 4.1, Paragraph 7.2 would be considered as a change to an approved test instruction. Any change to an approved test instruction shall be processed as specified in the OQAM Part II, Section 4.1, paragraph 3.2 or it will be considered an item of noncompliance.

8. Plant Tour

The inspectors toured portions of Units 1 and 2 auxiliary buildings, reactor buildings and control bays. Housekeeping and general plant cleanliness were observed. No deficiencies were identified.