



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

Report No. 50-390/79-17

Licensee: Tennessee Valley Authority  
500A Chestnut Street  
- Chattanooga, Tennessee 37401

Facility: Watts Bar 1

Docket No. 50-390

License No. CPPR-91

Inspection at Watts Bar Site near Spring City, Tennessee

Inspector: H C Dance for 7/13/79  
D. G. Hinckley Date Signed

Approved by: H C Dance 7/13/79  
H. C. Dance, Section Chief, RONS Branch Date Signed

SUMMARY

Inspection on June 27-29, 1979

Areas Inspected

This routine, unannounced inspection involved 17 inspector-hours onsite in the areas of the overall preoperational test program and tour of plant areas.

Results

Of the two areas inspected, no apparent items of noncompliance or deviations were identified.

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## DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*J. F. Groves, Plant Superintendent
- \*B. Willis, QA Supervisor
- M. K. Jones, Preoperational Test Section Supervisor
- J. A. Holmes, QA Engineer

#### NRC Resident Inspector

B. Cochran

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on June 29, 1979, with those persons indicated in Paragraph 1 above.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Overall Preoperational Test Program

The inspector completed the review of the licensee's preoperational test program. Selected standard practices, instructions and procedures were reviewed to ascertain whether the test program has been established in accordance with the commitments made in Sections 14.2 and 17.1A.11.4 of the FSAR. The following were reviewed:

AI-8.b, Control of Modification and Construction Completion Work on Transferred Systems Before Unit Licensing

IL No. 3, Preparation, Review and Approval of Preoperational Test Instructions

IL No. 4, Equipment Turnover

TI-27, Water Chemistry Specifications

TI-37, Chemical Laboratory Log Sheets

WB 3.2.6, Questions, changes, correspondence, and review of Technical Specifications and Final Safety Analysis Reports

WB 4.1, Material Procurement and Control

WB 7.1.1, Watts Bar Nuclear Plant Maintenance Program

WB 7.1.2, Maintenance-Trouble Reports and Equipment Maintenance Histories

No items of noncompliance or deviations were identified.

6. Preoperation Testing

The inspector discussed the status of the preoperational test program with the Preoperational Test Supervisor. It was determined that approximately 90% of the preoperational test procedures have been written and approximately 65% have been reviewed and approved. The preoperation test of the emergency diesel generators is tentatively scheduled for the week of July 30, 1979.

7. Procedure Preparation

The status of preparation and approval was determined to be as listed below.

System Operating Instructions	98%
Maintenance Instructions	50%
Health Physics Procedures	60%
Surveillance Instructions	70%
Quality Assurance Procedures	95%

Approved procedures and revisions are being sent to the NRC Regional Office.

8. Plant Tour

The inspector made a tour of the Unit 1 plant areas. Construction activities and general housekeeping practices were observed. Overall facility familiarization and identification of various systems and system components were pursued during the tour.

No items of noncompliance or deviations were identified.