



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

Report Nos. 50-390/79-42 and 50-391/79-35

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

Facility Name: Watts Bar

Docket Nos. 50-390 and 50-391

License Nos. CPPR-91 and CPPR-92

Inspection at Watts Bar near Spring City, Tennessee

Inspected by: T. E. Conlon for 11-26-79  
A. B. Ruff Date Signed

Approved by: T. E. Conlon 11-26-79  
T. E. Conlon Date Signed

SUMMARY

Inspection on November 6-9, 1979

Areas Inspected.

This routine, unannounced inspection involved 25 inspector-hours onsite in the areas of safety-related electrical cable installation and quality control (QC) records, and safety-related instrumentation and QC records.

Results

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

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## DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*H. C. Richardson, Acting Project Manager
- J. H. Perdue, Supervisor Electrical Engineer Unit (EEU)
- \*C. Shelby, Acting Supervisor, Electrical Instrumentation Unit (EIU)
- \*A. Slate, EIU Representative
- W. Crabtree, EEU Representative
- K. Grass, Division Power Production Representative
- \*R. L. Heatherly, Supervisor, QC&R Unit
- \*A. W. Rogers, QA Supervisor
- \*W. E. English, Asst. General Const. Supt.

Other licensee employees contacted included construction craftsmen, and technicians.

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on November 9, 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. Independent Inspection (Units 1 and 2)

The inspector made a walk-through inspection of the plant. During this inspection safety-related cables and cable trays were specifically examined. Several safety-related cables, 1-5PP-74-575A, 0-5PP-82-470-A, 1-5PP-63-600A, 2-5PP-63-600A, 2-5PP-67-675A, and 2-4V-70-2568A were selected as part of this inspection. These items and associated records were examined in the areas of receipt inspection, routing and terminations, groundings, and identification of cables and cable trays. The procedures used in this examination were QCP-1.6, "Receipt, Inspection; storage, withdrawal and transfer of permanent material," QCP 3.5, "Installation, Inspection and Testing of insulated control, signal and power cables."

In addition, the verification routing of two cables (2-4PL-62-6108A and 2-4V-67-2040-B) was witnessed. This verification routing was performed by an EEU representative using a cable signal tracing device.

Within the areas examined no items of noncompliance or deviations were identified.

6. Instrumentation (Components and Systems I)-Observation of Work, Work Activities and Review of Quality Records

Two safety-related instruments (1-PT-1-12-F, Pressure Transmitter for Steam Generator #2, and 1-LT-63-52-F, Refueling Water Storage Tank Level Transmitter) were examined in the areas of installation including location and mounting, receipt, storage inspection, calibration and identification. The procedures used in this examination were QCP 1.2, "Receipt, Inspection, Storage, Withdrawal, and Transfer of Permanent Material", QCP 3.6, "Electrical and Instrumentation Equipment Installation, Standard Tests, Inspections and Documentation."

Within the areas examined no items of noncompliance or deviations were identified.