



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

Report Nos. 50-390/82-36 and 50-391/82-33

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

Facility Name: Watts Bar Units 1 and 2

Docket Nos. 50-390 and 50-391

License Nos. CPPR-91 and CPPR-92

Inspection at Watts Bar site near Spring City, Tennessee

Inspector:

T. D. Gibbons
T. D. Gibbons

10/29/82
Date Signed

Approved by:

T. E. Conlon
T. E. Conlon, Section Chief
Engineering Inspection Branch
Division of Engineering and Technical Programs

10/29/82
Date Signed

SUMMARY

Inspection on October 12-15, 1982

Areas Inspected

This routine, unannounced inspection involved 26 inspector-hours on site in the areas of electrical cables and terminations, licensee identified items, and independent inspection.

Results

Of the areas inspected, no violations or deviations were identified.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

*G. Wadewitz, Project Manager
*A. W. Rogers, QA Supervisor
*R. W. Olson, Construction Engineer
*T. W. Hayes, Supervisor Nuclear Licensing Unit
G. Lubinski, Supervisor Electrical Engineering Unit
V. L. Thomas, Supervisor Instrumentation Engineering Unit
E. Austin, Supervisor QC Electrical

NRC Resident Inspector

T. L. Heatherly

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on October 15, 1982, with those persons indicated in paragraph 1 above. The licensee acknowledged the inspection finding listed below.

Inspector Followup Item, 390/82-36-01, TVA Allegation 4-82.

3. Licensee Action on Previous Enforcement Matters

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Independent Inspection Effort (92706)

The inspector held discussions with the licensee investigators assigned to Allegation 4-82. This allegation involves craft and QC disagreements relating to three cables which may have been damaged. The investigation is in progress. This item will be identified as inspector followup item 390/82-36-01 pending resolution of this item by the licensee.

The inspector assisted the resident inspector to evaluate the welding inspection of the 6900 volt Switchgear. The welds examined were factory welds by the vendor. The resident inspector is reporting this inspection as part of his monthly report. The resident inspector and the inspector have discussed this issue with Design Engineering.

Within the areas examined there were no violations or deviations.

6. Electrical (Cables and Terminations) - Observation of Work and Work Activities (51063B) (Unit 2)

The inspector selected six cables as follows 2-3V-62-4262A, 2-3V-62-4281A, 2-3V-4297A, 2-3V-62-4336A, 2-3V-62-4356A and 2-4V-62-2232A. The cables were examined to assure that the SAR and QAM requirements were completed within the areas of size type of cable, location, routing, separation, grounding, raceway supports, raceway identification and raceway loading.

Within the areas examined there were no violations or deviations identified.

7. Licensee Identified Items

(Closed) Item 390/82-26 and 391/82-23, "Incorrect Lubrication Oil in Emergency Diesel" (10 CFR 50.55(e))

The final report was submitted on September 8, 1982. The report has been reviewed and determined to be acceptable. The inspector held discussions with responsible licensee representatives, reviewed supporting documentation to verify that the corrective action identified in the report has been completed. The licensee has replaced the incorrect oil with the proper oil. The licensee has reviewed the procedure for control of lubricants.