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

APR 8 1980

Report Nos. 50-390/80-07 and 50-391/80-06

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

Facility Name: Watts Bar Nuclear Plant

Docket Nos. 50-390 and 50-391

License Nos. CPPR-91 and CPPR-92

Inspection at Watts Bar site near Spring City, Tennessee

Inspectors: J. D Gibbons — 4/7/80
T. D. Gibbons — Date Signed

N. Merriweather — 4/7/80
N. Merriweather (Intern) — Date Signed

Approved by: for C. Burger — 4-7-80
T. E. Conlon, Section Chief, RCES Branch — Date Signed

SUMMARY

Inspection on March 26-28, 1980

Areas Inspected

This routine unannounced inspection involved 38 inspector-hours on site in the areas of safety-related instrumentation cables and terminations, work, work activities and quality records.

Results

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

8005270026

DETAILS

1. Persons Contacted

Licensee Employees

*J. E. Wilkins, Project Manager
*J. Perdue, Supervisor Electrical Engineering Unit (EEU)
*T. Hayes, Supervisor, Instrumentation Engineering Unit (IEU)
*E. Austin, Assistant Supervisor, EEU
*A. Y. Slate, Instrumentation Engineer, IEU
*R. L. Heatherly, Supervisor, QC&R Unit

NRC Resident Inspector

J. McDonald

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on March 28, 1980 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 Effort

The inspector examined the instrumentation for the Upper Head Injection (UHI) Core Cooling System to assure compliance with FSAR committments.

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

6. Instrumentation (Cables & Terminations II) - Observation of Work and Work Activities - Unit 1

The inspector selected the following safety-related instrumentation cables for examination:

1-2PM-70-3197-A
1-2PM-1-1360-G

1-2PM-3-1656-D
1-2PM-47-2035-D
1-3M-43-2407-A
1-3M-43-2417B
0-3RM-90-116-A
0-3RM-90-119-B

Work and work records were examined in the areas of storage, handling, and cable identification. Completed "Pull" and "termination" slips were reviewed to ensure cable installation instructions and inspections required by WBNP-QCP 3.5 were specified and verified as being accomplished in the areas of maximum allowable pull tension, rope pull device size, special pull instruction, installed cable length, termination data, crimp and torque tool numbers, cable routing and raceway identification. Cable size, type, physical protection, separation, routing and terminations were examined.

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

7. Instrumentation (Cables and Terminations) Review of Quality Records (Unit 1)

The inspector examined the quality records for the cables identified in paragraph 6 to assure that the requirements of the SAR and QAM were complied with in the areas of receiving inspection, vendor test reports, source inspection, material certifications, size, type of cable, location, routing, separation, protection, identification, cable pulling records, and terminations.

Within the areas examined, there were no items of noncompliance identified.