



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

Report Nos.: 50-390/79-10 and 50-391/79-6

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

Facility Name: Watts Bar Nuclear Plant Units 1 and 2

Docket Nos.: 50-390 and 50-391

License Nos.: CPPR-91 and CPPR-92

Inspection at: Knoxville, Tennessee; Division of Engineering Design

Inspector: T. D. Gibbons 3/5/79
T. D. Gibbons, Electrical Instrumentation and Controls Engineer Date Signed

Approved by: J. C. Bryant 3/5/79
C. Bryant, Section Chief, RCES Branch Date Signed

SUMMARY

Inspection on February 5-7, 1979

Areas Inspected

This special, announced inspection involved eight inspector-hours onsite in the areas of environmental qualification of safety-related electrical equipment.

Results

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

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DETAILS

1. Persons Contacted

Licensee Employees

- *H. E. McConnell, Principal Engineer
- W. T. Dothard, Nuclear Licensing Engineer
- S. A. Thickman, Nuclear Licensing Engineer
- H. A. Crisler, Jr., Fire Protection Engineer
- *J. C. Key, Mechanical Design Project Engineer

*Attended exit interview.

2. Exit Interview

The inspection scope and findings were summarized on February 7, 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. Environmental Qualification of Safety Related Electrical Equipment at Nuclear Power Plants (Circular 78-08) (Units 1 and 2)

The licensee has assigned the review required by Circular 78-08 to the Electrical Engineering Branch. The indepth study is being conducted to assure that the environmental qualifications are adequate for the intended service. The inspector reviewed the Westinghouse report on the Barton transmitter, report of qualification on six cable contracts, Raychem splice qualifications, Namco switches, Conax penetration reports and Target Rock solenoid valves qualifications. All electrical equipment in the containment building is being studied and records will be submitted to NRR as an answer to a SAR question.

Within the areas examined no items of noncompliance were identified.