



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

Report No. 50-390/81-23

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

Facility Name: Watts Bar Nuclear Plant

Docket No. 50-390

License No. CPPR-91

Inspection at Watts Bar Nuclear Plant near Spring City, TN

Inspectors:

Frank Jape
for R. L. Fiedler

11/2/81
Date Signed

Frank Jape
for M. Thomas

11/2/81
Date Signed

Approved by:

Frank Jape
F. Jape, Section Chief
Engineering Inspection Branch
Engineering and Technical Inspection Division

11/2/81
Date Signed

SUMMARY

Inspection on October 19-23, 1981

Areas Inspected

This routine, unannounced inspection involved 70 inspector-hours on site in the areas of reactor coolant system cold hydrostatic test witnessing.

Results

Of the one area inspected, no violations or deviations were identified.

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REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *R. L. Lewis, Assistant Plant Superintendent
- *J. E. Cross, Assistant Plant Superintendent
- *J. E. Wilkins, Construction Project Manager
- *R. W. Olson, Construction Engineer
- *C. Rice, OEDC Licensing
- *S. R. Stout, OEDC Licensing
- *A. G. Rogers, OEDC Licensing
- G. Denton, Operations Supervisor
- L. Nobles, Assistant Operations Supervisor
- R. Norman, Assistant Operations Supervisor
- J. A. Thompson, Start-up Test and Coordination (ST&C) Unit Supervisor
- D. F. Williams, Hydrostatic Test Director, ST&C
- M. McGee, Hydrostatic Test Director, ST&C Unit

Other licensee employees contacted included 5 construction craftsmen, 3 operators, and QA and QC personnel.

NRC Resident Inspector

J. A. McDonald, Senior Resident Inspector
T. L. Heatherly, Resident Inspector

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on October 23, 1981 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. Unit 1 Cold Hydrostatic Test

The inspectors witnessed portions of WBNP-QCT 4.41, reactor coolant system cold hydrostatic test to verify the following:

- a. That an approved procedure of the appropriate revision was available and in use by all test personnel.

- b. That test prerequisites were met.
- c. That special test equipment required by the procedure was calibrated and in service.
- d. That the test procedure was being followed.
- e. That changes to the procedure were documented and approved as required.
- f. That reactor coolant system water samples were taken and analyzed as required and that chemistry specifications were met.
- g. That communications were established as required.
- h. That operator actions were timely and correct.
- i. That test personnel were briefed on the status of the test and plant systems during shift changes.
- j. That representatives of Quality Assurance monitored the conduct of the test.
- k. That personnel involved with the test were knowledgeable of the test requirements and status.

In addition to the above items, the inspectors noted the participation of power operation personnel, including supervisory personnel. The conduct and progress of the test was monitored by the Assistant Plant Superintendent, Operations. The conduct of the test appeared satisfactory and there were no violations or deviations identified.