



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

Report Nos. 50-438/82-31 and 50-439/82-31

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

Facility Name: Bellefonte

Docket Nos. 50-438 and 50-439

License Nos. CPPR-122 and CPPR-123

Inspection at Bellefonte site near Scottsboro, Alabama

Inspector *T. E. Conlon* for 11-22-82
M. D. Hunt Date Signed

Approved by *T. E. Conlon* 11-22-82
T. E. Conlon, Section Chief Date Signed
Engineering Inspection Branch
Division of Engineering and Technical Programs

SUMMARY

Inspection on November 2-5, 1982

Areas Inspected

This routine, unannounced inspection involved 24 inspector-hours on site in the areas of licensee's action on previous enforcement matters, unresolved items, inspector followup items and observation of plant construction activities.

Results

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

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- F. E. Gilbert, Construction Engineer
- *B. J. Thomas, Assistant Construction Engineer, (ACE)
- *Q. Franklin, Project Assistant Construction Supervisor
- *F. J. Huffman, A.C.E., Electrical & Instrumentation
- *D. R. Bridges, A.C.E.
- *J. T. Barnes, QA Unit Supervisor
- *P. C. Mann, Nuclear Licensing Supervisor
- *D. A. Freeman, Electrical Engineering Unit Supervisor
- *A. L. Richards, Assistant Unit Supervisor EEU/QC
- *W. F. Capley, Instrumentation Engineering Unit, Engineering Supervisor

Other licensee employees contacted included ten technicians and five office personnel.

NRC Resident Inspector

- *J. D. Wilcox

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on November 5, 1982, with those persons indicated in paragraph 1 above. The licensee acknowledged the inspection findings.

3. Licensee Action on Previous Enforcement Matters

(Closed) Violation 438/82-17-04, Space Heaters Not Energized On Diesel Generator IRT-EMB-001G-B. This item was identified during inspection No. 82-17. The licensee took the proper corrective action while the inspection was still in progress and was reviewed by the inspector before completing that inspection. No response was required.

(Closed) Violation 50-438, 50-439/82-03-01 Failure To Achieve Required QA Training of Craft Supervisor Personnel. The inspector reviewed the Licensee's response to this item dated April 2, 1982. As a result of this finding a memorandum was issued to all construction superintendents and assistant construction superintendents directing them to ensure that each foreman attends the training session required to carry out his work assignment. The inspector reviewed QA Audit No. BN-G-82-09 which identified a

record problem in recording the names of personnel attending training sessions. This problem was corrected and the inspector reviewed the corrected paperwork.

(Closed) Violation 50-438/439/82-14-01, Modification of Class IE Equipment Implemented by Verbal Instructions. The Licensee submitted the response to this violation on July 16, 1982. The response stated that all BOP isolator cabinets requiring modification have been identified and included in work releases.

(Closed) URI 438/439/82-28-06, Pressure Switch Mounting. The Licensee issued Quality Control Investigation Report No. 24930 to verify the mounting details for the pressure switches. The approved panel vendor's drawing designates the details for mounting these pressure switches by model number. The inspector verified that the switches in question were mounted in accordance with approved drawing details.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Independent Inspection Effort (92706)

The inspector examined various aspects of the construction activities during a walk through inspection. The following areas were examined:

- Cable installation in cable trays in Units 1 & 2 spreading rooms.
- ERCW booster pump motor storage conditions
- Control bards in units 1 & 2 control rooms
- Instrumentation panels installed in the water intake structure

The areas were found to be adequately maintained in the areas of cleanliness and equipment protection from surrounding construction activities.

Within the area examined, no violations or deviations were identified.

6. Licensee Identified Items (LII) 10 CFR 50.55(e)

(Closed) LII, 438/CDR 82-38 and 439/CDR 82-34, Installation Of Wrong Valued Resistor In Modules. This item was reported to RII on May 18, 1982 with the final report submitted June 15, 1982. The final report indicates that measures have been established by the supplier to insure closer control of components during production rework. The reworked modules returned to the site by the vendor are examined by the receipt inspectors.

(Closed) LII, 438/439/(81-15-05) Makeup Pump Control Logic. This item was reported to RII on February 6, 1981. The final report was submitted March 9, 1981. The inspector reviewed engineering charge notice 1169 which made the necessary changes to correct the circuits. The drawings were reviewed and found to reflect the changes required by ECN 1169.

7. Inspector Followup Items (IFI)

(Closed) IFI, 438/82-16-06, 438/82-16-04; Damper Actuation Assemblies, This item was identified in Report Nos. 438/439/82-16. The inspector at that time was unable to identify the responsible discipline for installing covers on limit switches installed on the actuators. During this inspection the inspector was advised by the electrical crafts that it was the responsibility of the electricians installing the switches to ensure that the covers were secure.

(Closed) IFI 438/439/81-09-02; Inspection of condulet covers after cable installation. The inspector reviewed interoffice memos exchanged between the Electrical QC and the Electrician General Foreman regarding the installation of the condulet covers after cable installation in conduit. Condulet cover installation is now reviewed by the QC inspectors during cable installation.