



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W.  
ATLANTA, GEORGIA 30323

Report Nos.: 50-424/87-59 and 50-425/87-44

Licensee: Georgia Power Company  
P. O. Box 4545  
Atlanta, GA 30302

Docket Nos.: 50-424 and 50-425

License Nos.: NPF-68 and CPPR-109

Facility Name: Vogtle 1 and 2

Inspection Conducted: October 27-30, 1987

Inspector:

J. J. Lenahan

11/10/87  
Date Signed

Approved by:

F. Jape, Chief  
Test Program Section  
Division of Reactor Safety

11/10/87  
Date Signed

SUMMARY

Scope: This routine, unannounced inspection was in the areas of the Unit 1 Containment Building Tendon Surveillance Program and repairs to coatings in the Unit 2 containment building.

Results: No violations or deviations were identified.

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Q PDR

## REPORT DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*R. M. Bellamy, Plant Manager
- L. Bishop, Civil QC Supervisor, Coatings
- \*G. Bockhold, General Manager
- \*C. L. Cross, Senior Regulatory Specialist
- \*J. A. Davis, Maintenance Engineer
- \*G. R. Frederick, QA Site Manager, Operations
- \*T. Greene, Plant Support Manager
- \*E. D. Groover, QA Site Manager, Construction

#### Other Organizations

J. Hall, Structural Engineer, Southern Services Company

#### NRC Resident Inspectors

- \*J. Rogge, Senior Resident Inspector
- R. J. Schepens, Resident Inspector
- H. Livermore, Senior Resident Inspector, Construction

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on October 30, 1987, with those persons indicated in paragraph 1 above. The inspector described the areas inspected and discussed in detail the inspection findings. No dissenting comments were received from the licensee. The licensee did not identify as proprietary any of the materials provided to or reviewed by the inspectors during this inspection.

### 3. Licensee Action on Previous Enforcement Matters

This subject was not addressed in the inspection.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Containment Building Tendon Surveillance Program - Unit 1 (61701)

The inspector examined procedures and work activities relating to the Unit 1 containment building tendon surveillance program. Acceptance criteria utilized by the inspector appears in Technical Specification

3/4.6.1.6. The inspector reviewed Precision Surveillance Corporation (PSC, the tendon surveillance contractor) procedure titled ISI Tendon Surveillance Program. This procedure specifies the requirements for inspection, testing, analysis and data reporting for the containment building post-tensioning system.

The inspector witnessed stressing operations for verification of the lift-off forces in vertical tendon 58-128, and the 144 end of vertical tendon 42-144. These operations were performed in accordance with the requirements stated in the PSC procedure, with the exception of the lift-off force measurement determined for the 58 end of tendon 58-128. Due to equipment problems, it was not possible to measure the lift-off force in this tendon using the procedural method. The licensee used an alternate "hammer sounding" method to determine the lift-off. Past experience at other facilities has shown this method to be compatible with the procedural method of lift-off measurement, however, the PSC QC inspector documented the departure from the approved procedure lift-off measurement method on a nonconformance report. The recorded lift-off forces met the procedure requirements. During stressing operations to measure the lift-off force in tendon 58-128, the permanent wedge anchors unseated at the 58 end. This problem was also documented on a nonconformance report. The inspector examined the anchorage assemblies on tendon number 58-128 and 42-144 and verified that inspection of the anchorage assemblies was conducted in accordance with procedure requirements. The inspector also witnessed sampling of the tendon void filler material (grease) from the ends of tendon 58-128.

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

6. Containment Building Protective Coatings - Unit 2

The inspector examined protective coatings which have been applied to the Unit 2 containment building dome between azimuth 160° and 180°. This inspection was performed to followup on employee concerns discussed in paragraph 6.i. of Region II Inspection Report Nos. 50-424/87-25 and 50-425/87-17. The deficiencies reported in the concern had been previously identified by the licensee and documented on Deviation Report SQ-007. The inspector examined DR SQ-007 and discussed the corrective actions with licensee and Williams Contractor's QC personnel. These discussions disclosed that the licensee was also performing coating repairs required to disposition DR number WC-85013 and CD-5941. The inspection examined these DRs and the proposed corrective actions for repair of the deficiencies to the coating documented on the DRs. The inspector examined the coating which had been applied to the dome and to pipe hangers supporting the containment spray system piping attached to dome. With the exception of some minor touchup work, the repairs required by DR SQ-007, CD-5941 and WC-85013 were completed in the area examined by the inspectors. Examination of the completed work by the inspector showed that the coatings were being properly applied and inspected.

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