



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

Report No.: 50-425/88-24

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

Docket Nos.: 50-425

License Nos.: CPPR-109

Facility Name: Vogtle 2

Inspection Conducted: May 9-10, 1988

Inspector: <u><i>[Signature]</i></u>	<u>5/23/88</u>
M. Glasman	Date Signed
<u><i>[Signature]</i></u>	<u>5/23/88</u>
A. Szczepaniec	Date Signed
<u><i>[Signature]</i></u>	<u>5/23/88</u>
S. Tingen	Date Signed

Accompanying Personnel: C. Burger, Resident Inspector

Approved by: <u><i>[Signature]</i></u>	<u>5/23/88</u>
F. Jape, Section Chief	Date Signed
Engineering Branch	
Division of Reactor Safety	

SUMMARY

Scope: This routine, announced inspection was in the area of Preoperational Testing, including Review and Witnessing of the Reactor Coolant System Primary Hydrostatic Test.

Results: No violations or deviations were identified.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *M. Bagale, Lead Test Supervisor
- *G. Bockhold, General Manager
- *T. Greene, Plant Support Manager
- *E. D. Groover, Quality Assurance Site Manager - Construction
- *S. M. Hall, Procedures Superintendent
- *H. M. Handfinger, Project Startup Manager
- *C. W. Hayes, Vogtle Quality Assurance Manager
- *M. Horton, Startup Test Engineering Superintendent
- *P. D. Rice, Vice President, Project Director

Other licensee employees contacted included engineers, operators, and office personnel.

NRC Resident Inspectors

- *C. Burger
- *R. Schepens

*Attended exit interview

2. Exit interview

The inspection scope and findings were summarized on May 10, 1988, with those person indicated in Paragraph 1. The inspectors described the areas inspected and discussed in detail the inspection findings. Dissenting comments were not received from the licensee. Proprietary information is not contained in this report.

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. Reactor Coolant System (RCS) Hydrostatic Test Procedure Review (70352) - Unit 2

A copy of approved Unit 2 Procedure 2-300-03, "RCS Primary Hydrostatic Test," Revision 1, dated April 27, 1988, was obtained from the licensee and reviewed to verify that the procedure met regulatory requirements and licensee commitments specified in the ASME Code, Section III, Division 1,

Subsection NB, Section 6000, and Regulatory Guide 1.68. The review consisted of the following:

- a. The procedure received the proper review and approval and clearly stated the test objectives.
- b. The procedure contained appropriate prerequisites, limitations, precautions, and test equipment.
- c. Drawings and procedures referenced in the procedures are the latest revisions.
- d. The RCS system is properly vented during the filling operation.
- e. Water quality is specified by the temperature to be present during the test.
- f. Reactor coolant temperature requirements are stated to ensure that primary components are maintained above the nil ductility transition temperature.
- g. Hydrostatic test pressure and duration meet ASME Code requirements.

Violations or deviations were not identified during the review of the RCS Hydrostatic Test procedure.

6. RCS Hydrostatic Test Witnessing (70462) - Unit 2

Licensee activities pertaining to performance of the hydrostatic test were observed to verify the following:

- a. The latest revision of the procedure was available and in use by appropriate personnel.
- b. Test prerequisites were completed.
- c. Valve lineups and system checklists were completed.
- d. Water temperature and system leakage were being monitored.
- e. Pressure gages of the required range were calibrated and installed.
- f. Relief valves were installed for overpressure protection.
- g. Proper plant systems were in service.
- h. Special test equipment required for the test was calibrated and in service.
- i. The test was performed as required by the procedure.

- j. Adequate coordination and test control were present among personnel involved in the test.
- k. Certification and training of selected test personnel was in compliance with the Unit 2 Startup Manual Requirements.

The required hydrostatic test pressure was reached on May 9, 1988, at approximately 5:28 p.m. The test conditions regarding temperature and pressure being within the required ranges, and that the hydrostatic test pressure hold time being met, were verified by the inspectors. The licensee had assembled teams of inspectors to perform inspections of piping and components within the test boundary. Several Westinghouse inspectors and authorized nuclear inspectors were available and inspected vendor-related components and ASME Section III piping and components respectively. The RCS hydrostatic test performance was effective with respect to meeting the safety objectives of the preoperational test program.

Violations or deviations were not identified during the witnessing of the RCS Hydrostatic Test.