



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30303

Report Nos.: 50-424/84-37 and 50-425/84-37

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

Docket Nos.: 50-424 and 50-425

License Nos.: CPPR-108 and CPPR-109

Facility Name: Vogtle 1 and 2

Inspection Conducted: November 15 - December 18, 1984

Inspector: John F. Rogge, for
W. F. Sanders, Senior Resident Inspector,
Construction

1/4/85
Date Signed

John F. Rogge
J. F. Rogge, Senior Resident Inspector,
Operations

1/4/85
Date Signed

Accompanying Personnel: R. J. Schepens, Resident Inspector, Construction

Approved by: M. V. Sinkule
M. V. Sinkule, Section Chief
Division of Reactor Projects

1/4/85
Date Signed

SUMMARY

Scope: This routine, unannounced inspection entailed 472 resident inspector-hours on site (96 hours were on backshifts), inspecting: quality assurance, fire protection/prevention, reactor vessel protection and safety-related components. The inspection also included a visit to local public document room, and involvement in case load forecast and readiness review meetings.

Results: No violations or deviations were identified.

8502060412 850107
PDR ADOCK 05000424
G PDR

REPORT DETAILS

1. Persons Contacted

Licensee Employees

D. O. Foster, Vice President and Project General Manager
W. C. Ramsey, Readiness Review Manager
W. T. Nickerson, Deputy Project General Manager
*H. H. Gregory III, General Manager-Nuclear Construction
*G. Bockhold, Jr., General Manager-Nuclear Operations
O. Batum, General Manager-Engineering and Licensing
*C. W. Hayes, Project Quality Assurance Manager
*E. D. Groover, Site Quality Assurance Manager-Construction
*D. M. Fiquett, Manager Field Construction Operations
*M. H. Googe, Project Construction Manager - Unit 1
*B. C. Harbin, Manager Quality Control
*J. L. Willcox, Quality Assurance Field Representative
*G. A. McCarley, Project Compliance Coordinator
*W. C. Gabbard, Assistant Project Compliance Coordinator
J. D. Dorough, Turnover Manager

Other licensee employees contacted included craftsmen, technicians, supervision, engineers, inspectors, and office personnel.

Other Organizations

*D. L. Kinnsch, Project Field Engineering, Bechtel Power Corporation

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on December 18, 1984, with those persons indicated in paragraph 1 above.

3. Licensee Action on Previous Enforcement Matters

This subject was not addressed in the inspection.

4. Unresolved Items

No Unresolved items were identified.

5. Construction Inspection

Periodic inspections were made throughout this reporting period in the form of general type inspections in different areas of both facilities. The areas were selected on the basis of the scheduled activities and were varied to provide wide coverage. Observations were made of activities in progress to note defective items or items of noncompliance with the required codes

and regulatory requirements. On these inspections, particular note was made of the presence of quality control inspectors, supervisors, and quality control evidence in the form of available process sheets, drawings, material identification, material protection, performance of tests, and housekeeping.

Interviews were made with craft personnel, supervisors, coordinators, quality control inspectors, and others as they were available in the work areas.

No violations or deviations were identified.

6. Fire Prevention/Protection Activities (42051C)

a. Control of Combustible Materials

During the inspection period, observations were made in areas containing combustible materials in quantities where the ignition of these materials could damage safety-related structures, systems or components. The inspection verified flame retardant coverings were in place; excess flammable liquids and solids were removed; and welding, cutting, and burning was controlled by appropriate permits. Specific areas inspected were:

- Containment (Unit 1)
- Turbine Building
- Auxiliary Building
- Fuel Handling Building
- Diesel Generator (Unit 1)

The inspection utilized the following procedures, guides and standards: ANSI N45.2.3-1973, Housekeeping During the Construction Phase of Nuclear Power Plants; Regulatory Guide 1.39, Revision 2, Housekeeping Requirements for Water-Cooled Nuclear Power Plants; Regulatory Guide 1.20, Fire Protection Guidelines for Nuclear Power Plants; and GD-T-15, Welding and Cutting Procedure.

No violations or deviations were identified.

b. Fire Protection Equipment Inspection, Testing and Maintenance.

An inspection of the licensee's records was performed to determine that adequate inspection, testing and maintenance was being conducted and documented as required by the Field Procedure, SD-T-05, Revision 4, Fire Protection Equipment Inspection and Testing. The following files were reviewed for the period of January 1, 1984 to December 4, 1984:

- (1) Weekly Post Indicator Valve Inspection Reports,
- (2) Monthly Hose House Inspection Reports,

- (3) Monthly Fire Extinguisher Inspection Reports,
- (4) Exit and Emergency Light Inspection Log, and
- (5) Halon 1301 Total-Flooding System Monthly Inspection Reports

During the review of the Halon 1301 Total-Flooding System Inspection Reports it was noted that the semi-annual weight checks of Halon cylinders for the month of August 1984 were not documented as being performed. The licensee utilized craft time-sheets to demonstrate that the cylinders were inspected.

The inspection included the observation of the December 5, 1984 Diesel Fire-water pumps weekly inspection Start/Run test. The test was performed in accordance with the Field Procedure SD-T-04, Fire-water pumps Inspection and Testing.

No violations or deviations were identified.

c. Fire Brigade Organization, Training and Duties

A review of the Fire Brigade organization and training procedure contained in Field Procedure SD-T-05 was conducted.

No violations or deviations were identified.

7. Reactor Vessel Protection (50053C)

The inspection consisted of examination of the Unit 1 reactor vessel installed in containment to determine that proper storage protection practices were in place, entry of foreign objects and debris was prevented, and that access was controlled. Particular attention was given to the area where the refueling pool floor to vessel seal will be made.

During this inspection a condition was noted where welding on the refueling pool was being conducted in close proximity to the open vessel. The licensee area coordinator took appropriate action to secure welding until the vessel was resealed.

No violations or deviations were identified.

8. Safety-Related Components (50073C)

The inspection consisted of plant tours to observe protection of installed components to determine that adequate protection from dirt, dust, debris,

water, or adjacent construction activities were in place. Unit 1 equipment examined included:

- Residual Heat Removal (RHR) Pumps
- Diesel Generators
- Boric Acid Storage Tank
- Containment Spray (CS) Pumps
- Component Cooling Water Drain Tank
- Boron Recycle Hold Up Tank
- RHR Heat Exchangers
- Containment Penetration Encapsulation Vessels for Train A RHR and CS
- Chemical Volume Control System Charging Pumps
- Auxiliary Feed Pumps
- Nuclear Cooling Service Water Pumps and Fan Motor
- Safety Injection Pumps

The inspection also included the Unit 2 Diesel Generators which were being examined by the licensee. The licensee informed the inspectors that a block was being ordered to eliminate a flaw found near a cylinder boring. The flaw exists where a vendor repair had been performed.

Walkthroughs of the laydown areas, warehouses, and coating facility were also performed.

No violations or deviations were identified.

9. Management Meetings (30702B)

The inspectors attended the following management meeting held at the site:

- a. November 14, 1984 - Readiness Review Program - This meeting was held to apprise the NRC of the current Georgia Power progress.
- b. November 15, and 16, 1984 - Caseload Forecast Panel - This meeting consisted of a detailed presentation by Georgia Power of the construction status followed by a site tour. The results of this meeting will be published by NRC at a later date.

- c. November 29, 1984 - NRC Commissioner Roberts Site Visit - This meeting consisted of a Georgia Power presentation on corporate and site organization, readiness review, and the site Quality Concerns programs. The presentation was followed by a site tour which included the simulator.
- d. December 12, 1984 - Readiness Review Program - This meeting was held to apprise the NRC of the current Georgia Power progress.

10. Public Document Room (92706C)

The inspectors visited the Public Document Room located in the Waynesboro, GA, Library to assess the condition of NRC and licensee documents. The librarian was interviewed to determine the extent of familiarization with NRC.

The inspectors determined that the records and information was maintained and handled in a very professional manner.