



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

Report Nos.: 50-424/84-16 and 50-425/84-16

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 Dates: May 14 - June 25, 1984

Inspection at Vogtle site near Waynesboro, Georgia

Inspector: John F. Sanders 7/16/84
Date Signed

Approved by: Vincent W. Panciera 7/16/84
Date Signed
V. Panciera, Section Chief
Division of Reactor Projects

SUMMARY

Areas Inspected:

This routine, unannounced inspection involved 200 resident inspector-hours on site in the areas of Diesel Generator Verification Program, HVAC Support Program, handling and storage of equipment, rebar and structural steel Unit 2 Primary Containment, field fabrication of condensate and water storage tanks, Unit 1 containment dome concrete preparations, and Category 1 soils compaction.

Results:

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

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *W. T. Nickerson, Deputy General Manager
- *M. H. Googe, Assistant Project Construction Manager
- *C. W. Hayes, Vogtle Quality Assurance Manager
- *D. M. Fiquett, Manager of Field Construction Operations
- *E. D. Groover, Site Quality Assurance Manager
- *N. Brooks, Project Section Supervisor
- *J. L. Blocker, Assistant Manager Quality Control
- *G. A. McCarley, Project Compliance Coordinator
- *T. L. Weatherspoon, Assistant Manager Quality Control

Other Organization

D. L. Kinnsch, Project Engineer, Bechtel Power Co.

*Attended exit interview.

2. Exit Interview

The inspection scope and findings were summarized on June 22, 1984, with those persons indicated in Paragraph 1 above. The licensee acknowledged the inspection findings.

3. Licensee Action on Previous Enforcement Matters

(Closed) Unresolved Item 425/84-08-01 - Additional information was obtained for assurance that the repairs made at fabrication were transmitted and included in the licensee Preservice/Inservice Program.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Independent Inspection Effort

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. Observations were made in the following areas:

- a. Diesel generator disassembly and assembly activities on the Unit 1, A and B Diesels, relative to the Quality Verification Program. The first diesel generator was reassembled and stored in place in the permanent building, awaiting further actions.
- b. Observation of compaction activities for Category 1 backfill on the west end of Unit 2 power block.
- c. Primary containment Unit 2 installation of structural support steel related to the Reactor Pressure Vessel Support System. Observations were made of the cadwelding of vertical rebar for the steam generator shield walls.
- d. Observations on the welding of the stainless steel liners and installation of concrete forms on the Unit 1 Makeup Water Storage Tank, Refueling Water Storage Tank, Condensate Storage Tank and Diesel Generator Building.
- e. Inspection of the Unit 1 containment dome in the areas of tendon sleeve placements, rebar installation, fitting of the forms, cleanliness and tightness. This inspection was made on the back shift at the beginning of "B" shift.

6. Meetings

During the reporting period, the Inspector attended five meetings where the following items were discussed:

- a. Pullman-Kenneth-Fortson welding of HVAC supports. A discussion was held on two inspection/evaluation programs which had been completed and were being supplemented with a new refined inspection program. The inspector expressed concerns that the new program using a sample size of 60/3638 supports would not provide the required quality assurances.
- b. Diesel Generator Quality Verification Program. This meeting was held to discuss the current status of the program, future plans and completed actions.
- c. ASME Section XI Preservice/Inservice requirements. The meeting was held to discuss and clarify several items in the written program. Specific attention was given to the requirements for the inclusion of Reactor Pressure Vessel fabrication repairs into the ASME Section XI program for Unit 2.

- d. Proposed changes to the Field Change Notice (FCN) and Action To Continue Work Program (ATCW). This meeting was called to discuss the proposed changes and revision 13 to Procedure DC-A-03 of the Field Procedure Manual. It was agreed that the changes would be described in a letter to the Regional Office with reference to the Georgia Power Company letter of May 4, 1983, Log GN226 and the responding letter from NRC, June 2, 1983.
- e. A meeting was held in Atlanta at the Georgia Power Company Corporate Offices. The meeting was held to present the resultant findings from the investigation performed in April 1983, concerning alleged intimidation of Pullman Power Products inspectors. This meetings is described in more detail in Paragraph 8.

7. Organizational Change

Mr. C. E. Belflower, currently Hatch Q.A. Site Manager with 13 years experience at Plant Hatch, has been appointed as Vogtle Q.A. Site Manager for Operations. In this position, Mr. Belflower will interface closely with all Project organizations in the development of policies, programs and procedures affecting the overall Quality Assurance Program for Nuclear Operations activities. Mr. Belflower will report to C. W. Hayes, Vogtle Q.A. Manager, along with Mr. E. D. Groover, Vogtle Q.A. Site Manager for Construction. This change was made effective June 18, 1984.

8. Pullman Power Products Investigation

A meeting was held on June 25, 1984, at Georgia Power Corporate Offices in Atlanta, Georgia, to present the results of the NRC investigation initiated to identify and document alleged intimidation and harassment of Pullman Power Products Q.A. Inspectors. The meeting was attended by the following people:

Licensee Employees

- R. E. Conway, Vice President, Eng. Construction Project Manager
- D. O. Foster, Vice President and General Manager, Vogtle Project
- P. D. Rice, General Manager of Q.A. and Radiological Health and Safety
- W. T. Nickerson, Manager, General Plant Construction-Nuclear
- C. W. Hayes, Quality Assurance Manager
- R. W. McManus, Quality Control Manager-Construction

Pullman Power Products

- B. L. Edwards, Project Manager, Construction

NRC

H. C. Dance, Chief, Project Branch 2
A. R. Herdt, Chief, Engineering Branch
V. W. Panciera, Chief, Project Section 2B
J. J. Blake, Chief, Material & Processes Section
B. Uryc, Investigative Coordinator
E. H. Girard, Regional Inspector
W. F. Sanders, Senior Resident Inspector
J. F. Rogge, Project Engineer

The meeting was started with a briefing presentation by Mr. Panciera describing the chronology of events starting in April 1983, until the present time. Four (4) areas of concern were identified:

1. Harassment and Intimidation
2. Material and Storage Deficiencies
3. Record and Procedure Improprieties
4. Q.C. Deficiencies

The four category groups were further defined and described as thirteen specific concerns which will require the following NRC action:

One unresolved item dealing with both harassment and independence concerns.

Eight Inspector Follow-up Items.

Three with no further review warranted.

At the conclusion of the presentation, Mr. Foster stated that the bulk of the information relative to corrective action was located at the construction site and Georgia Power would address each item of concern in writing by letter within the next few weeks. He stated that Georgia Power Company realized a problem existed in communicating to people at the site how certain corrective actions had been implemented. Mr. C. Hayes was designated as the person responsible for getting the information together for further reviews of corrective actions.