



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

Report Nos. 50-424/82-18 and 50-425/82-18

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

Facility Name: Alvin Vogtle 1 and 2

Docket Nos. 50-424 and 50-425

License Nos. CPPR-108 and CPPR-109

Inspection at Vogtle Nuclear Station site near Waynesboro, Georgia

Inspector: John F. Rodgers, for 7/30/82  
W. F. Sanders, Senior Resident Inspector Date Signed

Approved by: Vergil L. Brownlee 8/2/82  
V. Brownlee, Section Chief, Division of Date Signed  
Project and Resident Programs

SUMMARY

Inspection on June 11 - July 10, 1982

Areas Inspected

This routine announced inspection involved 96 resident inspector-hours on site in the areas of containment fabrication, concrete forms and preparation, stainless pipe welds, and rebar installation.

Results

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

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## DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*H. H. Gregory, III, Construction Project Manager
- \*M. H. Gouge, Acting Construction Manager
- \*E. D. Groover, Site QA Manager
- \*R. W. McManus, Site Quality Control Manager
- \*\*C. W. Hayes, Project Quality Assurance Manager
- C. R. Miles, Jr., Quality Assurance Field Supervisor
- H. W. Swain, Quality Control Supervisor
- F. A. Shoemake, Quality Assurance Engineer

Other licensee employees contacted included technicians, quality control inspectors, supervisors, and office personnel.

\*Denotes personnel attending exit interview.

\*\*Denotes contact by telephone

### 2. Exit Interview

The inspection scope and findings were summarized on July 12, 1982 with those persons indicated in paragraph 1 above.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. General

Periodic inspections were made throughout this reporting period in the form of general type inspections for different areas of both facilities. The different areas were selected on the basis of the ongoing activities scheduled and varied daily to provide wide coverage. Observations were made of the activities in progress to note obvious 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 such as available process sheets, drawings, material identification, material protection, performance of tests, housekeeping, etc.

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

areas. With regard to this inspection, some of the specific areas inspected are described as follows:

- . Unit 1 primary containment work in progress on the exterior shell wall to elevation 324'-3" for pour 1-010-017. Observations were made of the setting of the concrete forms, securing of rebar, installation of tendon sleeves per VPM-CD-T-20, Rev. 2 and VPM-CD-T-06, Rev. 4.
- . Unit 2 primary containment work in progress in the form of rebar and tendon sleeve assembly on the outside and rebar installation on the primary and secondary shield walls on the inside per VPM-CD-T-06, Rev. 4.
- . Unit 1 and 2 field storage of stainless pipe spools pieces was inspected to observe the activities relative to reinspection and reconditioning of welds. This was reported as a potential 50-55E item based on slag and porosity on the edges of the welds on several spools and prompted further field inspections and work to determine the extent and resolve the problems.
- . Control building installation of concrete forms
- . Fuel handling building, observation of inspections in progress by electrical and civils quality control inspectors and the use of applicable drawings and equipment.

#### 6. Meetings with Local Officials

During this report period, three meetings were held in the area, two of the meetings were with local officials of communities adjacent to the Vogtle site and the third meeting with the power generation group at the plant. The first meeting was held in the Waynesboro city council chambers on June 28 with the mayor and city council members. The second meeting was held the following night June 29 with the mayor and councilmen of Sardis, the mayor and councilmen of Girard and the county commissioners of Burke County. All of the meetings were attended by the following representatives of the Nuclear Regulatory Commission:

- R. C. Lewis, Director, Division of Projects and Resident Programs (DPRP)
- H. C. Dance, Branch Chief, (DPRP)
- V. L. Brownlee, Section Chief, (DPRP)
- W. F. Sanders, Sr. Resident Inspector (DPRP)

The meetings were requested with the local officials by NRC to describe the mission and functional organization of NRC and its relationship to the community. The meetings also provided the opportunity to describe the resident inspector program and introduce the senior resident inspector for the Vogtle facility.

The following meeting outline was used:

- . Introduction and purpose of meeting
- . Presentation of the NRC role and organization
- . Vogtle Inspection Program
- . Discuss direct lines of communications between NRC and local officials.
- . Provide a forum to discuss the status of the facility, related community concerns, and any other questions relative to Vogtle facility or NRC.

The meetings were considered by the participants to be meaningful and worthwhile.

#### 7. The Institute of Nuclear Power Operation (INPO) Evaluation

The results of the pilot inspection and evaluation performed by INPO at the Vogtle facility, Southern Services office in Birmingham Alabama, Vogtle project office in Atlanta Georgia, and Bechtel Power Corporation in Downey California for the period of May 3 to May 21, 1982, has been submitted to Georgia Power Company. A representative of the licensee made a presentation to Region II personnel and the resident inspector. The representative gave a brief summary of the INPO observations and recommendations and how the Georgia Power organization is established to resolve these. Specific note was made and questions asked to verify that all items of safety significance would be incorporated into the Vogtle Quality Assurance System for corrective action.

No items of non compliance were identified.

#### 8. Back Shift Inspections

During this report period two back shift inspections were made on "B" shift and one inspection on "D" shift observations were made of the ongoing activities in the primary containment buildings, control buildings and fuel handling buildings. Specific attention was given to the presence of quality control inspectors and supervision.

No items of non compliance were identified.