



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

Report Nos.: 50-424/83-02 and 50-425/83-02

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

Inspection at Vogtle site near Waynesboro, Georgia

Inspector: E. H. Girard 2/9/83  
E. H. Girard Date Signed

Accompanying Personnel: J. F. Rogge

Approved by: J. J. Blake 2/10/83  
J. J. Blake, Section Chief Date Signed  
Engineering Programs Branch  
Division of Engineering and Operational Programs

SUMMARY

Inspection on January 17-21, 1983

Areas Inspected

This routine, unannounced inspection involved 32 inspector-hours on site in the areas of licensee action on previous enforcement matters, licensee identified items (10 CFR 50.55(e)), and IE Bulletins.

Results

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

8303210497 830214  
PDR ADOCK 05000424  
PDR

## REPORT DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*H. H. Gregory, Construction Project Manager
- \*E. D. Groover, QA Site Supervisor
- C. Sarver, Senior QA Engineer
- \*B. F. Barrett, Senior QA Field Representative
- H. W. Swain, Mechanical QC Section Supervisor
- C. M. Burke, QA Engineer
- \*L. T. Ellgass, QA Engineer

#### Other Organizations

C. L. Fields, Welding and QA Superintendent, Chicago Bridge and Iron

#### NRC Resident Inspector

\*W. F. Sanders

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on January 21, 1983, with those persons indicated in Paragraph 1 above. The inspector described the areas inspected and discussed in detail the inspection finding listed below. No dissenting comments were received from the licensee.

(Open) Unresolved Item (424,425/83-02-01): Construction Deficiency Reporting - Paragraph 6.a.

### 3. Licensee Action on Previous Enforcement Matters

- a. (Closed) Violation (424, 425/81-05-03): Inadequate Measures to Control Handling of Safety-Related Materials and Equipment. The licensee's letter of response dated June 8, 1981, has been reviewed and determined to be acceptable by Region II. The inspector held discussions with the Mechanical QC Section Supervisor and other cognizant personnel and verified the corrective actions stated in the letter of response through a review of documentation and interviews with inspection personnel. Examples of documentation reviewed included procedures HRP-11 Rev. 1 for rigging and HRP-40 Rev. 1 for steam generator handling and installation, and the inspection records for rigging the first Unit 1 steam generator for installation in the containment. The

inspector concluded that the licensee had determined the full extent of the subject noncompliance, performed the necessary survey and followup actions to correct the present conditions, and developed the necessary corrective actions to preclude recurrence of similar circumstances. The corrective actions identified in the letter of response have been implemented.

- b. (Open) Violation (424,425/81-08-02): Undersize Structural Welds. The inspector reviewed the licensee's documentation of their corrective actions as summarized in the following memorandums:
- (1) 7/25/81 memorandum from J. E. Seagraves to E. D. Groover (File No. X7BG02)
  - (2) 7/7/81 memorandum from R. W. McManus to E. D. Groover (File No. X7BG10)

This item will remain open pending Region II's review of the licensee's revised specification for structural steel, X2AP01, Section C5.1; and Region II's examination of related welding.

- c. (Closed) Unresolved Item (424,425/82-10-03): Motor Heater Indicator Lights. This item documented an NRC inspector's concern that a single indicator light served the heaters for three separate equipment motors. The licensee investigated the concern and noted that the light was unnecessary since the checks to assure the heaters are energized are made by touch in accordance with their procedure requirements. The inspector accepted this explanation and considers the concerns relative to this item resolved.
- d. (Open) Unresolved Item (424,425/82-23-01): Article 3 Basis. This item documented an NRC inspector's concern as to the licensee's basis for electing to use Article 3 of ASME Section V (74S75) as the source of examination requirements for radiography of containment liner welds. The inspector reviewed the licensee's PSAR commitments, including referenced codes and Regulatory Guide 1.19, and also reviewed the implementing specification and procedure. Based on this review the licensee appears to have deviated from the commitment of Paragraph 3.8.1.6.7.C of the PSAR, in that their radiographic examination does not comply with Appendix X of ASME Section III. The licensee indicated their intent to research this area further to assure that all pertinent information relative to the matter had been reviewed. Aspects which had not been completely ascertained and verified during the inspection included applicable revisions of the code sections and Regulatory Guide specified by the PSAR, possible editorial errors in the PSAR, and possibly unincorporated PSAR changes. This item will remain open pending the licensee's collection of all pertinent information and its review by Region II in subsequent inspection.

- e. (Closed) Unresolved Item (424,425/82-23-02): Unavailable Radiographs. This item was opened to document the unavailability of a densitometer for use in review of certain specified radiographs. During the inspection covered by this report the densitometer was available and the inspector completed the subject film reviews, verifying the licensee's interpretation. The matter is considered closed.

#### 4. Unresolved Items

Unresolved items are matters about which more information is required to determine whether they are acceptable or may involve violations or deviations. A new unresolved item identified during this inspection is discussed in Paragraph 6a.

#### 5. Independent Inspection Effort (92706) - Units 1 and 2

The inspectors conducted a general inspection of portions of the containment and auxiliary buildings to observe activities such as material handling and control, housekeeping, welding, maintenance of identification and protection of piping, and storage. The inspectors noted no instances of significant deviation from the licensee's procedures and requirements.

#### 6. Licensee Identified Items (50.55(e) Items)(92700)

- a. (Closed) Item 424,425 CDR 80-15 (also identified LII 424, 425/81-02-04): Westinghouse 3" Gate Valve Closure Problem. This item was originally reported to Region II on November 13, 1980. The final report was submitted in a letter dated April 21, 1981. The item involved Westinghouse Electro-Mechanical Division (EMD) gate valves that failed to fully close in testing. This problem was addressed by IE Bulletin 81-02, dated April 9, 1981. The inspector found that the licensee's report did not identify the cause of the valve deficiency, indicate any evaluation to assure that the full extent of the deficiency (as to other sizes of valves) was determined, nor make reference to IEB 81-02. 10 CFR 50.55(e) requires that the licensee provide sufficient information in the report to permit analysis and evaluation and of the deficiency and of the corrective action taken. Without any information as to cause or any indication of an evaluation to assure that the full extent of the deficiency was determined, the report does not comply with the 10 CFR 50.55(e) requirement. The cause of the deficiency was described in another 10 CFR 50.55(e) report from the licensee - Item 6.b below. The extension of the deficiency to other sizes of valves was indicated in a supplement to IEB 81-02, issued by the NRC on August 18, 1981. This item is being closed, as the adequacy of the licensee actions relative to the deficiency will be examined in Region II's inspection of all of the licensee's responses to IEB 81-02 and its supplement (see 7 below). However, the issue of the licensee's failure to provide adequate content in the report is not considered closed.

The inspector reviewed two other 10 CFR 50.55(e) reports, as described in 6.b and 6.c below, and found one of the reports inadequate. This other inadequate report was also a response related to IEB 81-02. The licensee stated that they will review their reporting procedure and its implementation to determine whether any changes are needed to assure compliance with 10 CFR 50.55(e). Region II will review the licensee's findings and action and additional 10 CFR 50.55(e) reports in subsequent inspections to determine the adequacy of the reporting. Pending the determination, this matter will be unresolved item 424, 425/83-02-01, Construction Deficiency Reporting.

- b. (Closed) Item 424,425 CDR 81-17: Westinghouse 4" Gate Valve Closure Problem. This item was originally reported to Region II on February 12, 1981. The final report was submitted in a letter dated July 2, 1981. The item involved Westinghouse EMD gate valves that failed to fully close on testing. This problem was addressed by IE Bulletin 81-02, dated April 9, 1981. A related report for 3" valves is identified in 6.a above. The inspector reviewed the licensee's report and found that it did not indicate any evaluation to determine the full extent of the deficiency. A similar reporting inadequacy was noted in the inspector's review in 6.a above. As described in 6.a, the adequacy of the licensee's reporting was identified unresolved item 424,425/83-02-01. Item 424,425 CDR 81-17 is being closed, as the adequacy of the licensee's actions for the deficient 4" valves will be addressed by Region II in inspection of all of the licensee's responses relative to IEB 81-02 and its supplement.
- c. (Open) Item 424,425 CDR 81-19: Design Calculations Concerning Primary Loop Crossover Leg Pipe Supports. The final report for this item was submitted to Region II in a letter dated November 11, 1981. The inspector reviewed the report to determine that it provided information addressing all of the areas required by 10 CFR 50.55(e). The inspector is satisfied that all of the required areas are addressed and has referred the item to a specialist inspector for technical review. This item will remain open pending completion of the technical review in a subsequent inspection.

#### 7. IE Bulletin (IEB)

(Open) IEB 81-02 and Supplement: Failure of Gate Type Valves to Close Against Differential Pressure. The licensee provided responses to the subject bulletin and supplement in their letters of April 21, July 2, and November 20, 1981. The inspector questioned the licensee during his inspection to determine whether the corrective actions stated in the letters had been completed for the subject valves. The inspector was informed that the actions were believed complete, but that verifying documentation was not available yet. The bulletin will remain open pending Region II's verification of the adequacy of the responses and the licensee's completion of the required corrective actions.