



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

Report Nos.: 50-321/84-20 and 50-366/84-20

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

Docket Nos.: 50-321 and 50-366

License Nos.: DPR-57 and NPF-5

Facility Name: Hatch 1 and 2

Inspection Dates: June 11-14, 1984

Inspection at Hatch site near Baxley, Georgia

Inspectors: Frank Jape  
 S. P. Burris  
K. E. Davenport  
 K. E. Davenport

6/28/84  
 Date Signed  
6/28/84  
 Date Signed

Approved by: Frank Jape  
 F. Jape, Section Chief  
 Engineering Branch  
 Division of Reactor Safety

6/28/84  
 Date Signed

SUMMARY

Areas Inspected

This routine unannounced inspection involved 48 inspector-hours on site reviewing design changes and modifications; Average Power Range Monitor System, Rod Block Monitor System and Technical Specification (ARTS) Unit 2 modifications; non-routine events reported by the licensee; Bulletin 80-06; and plant tour.

Results

No violations or deviations were identified.

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## REPORT DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*H. Nix, General Manager
- \*T. Green, Deputy General Manager
- \*R. Cain, Superintendent Nuclear Safety
- \*T. Wilkes, Superintendent of Nuclear Security
- \*R. Tracy, Plant Engineer
- \*C. Goodman, Regulatory Compliance Engineer
- \*D. Vaughn, Quality Assurance
- J. Betsill, Acting Superintendent of Plant Engineering Services
- D. McCusker, Superintendent of Quality Control
- T. Elton, Acting Superintendent of Regulatory Compliance
- W. Thigpen, Regulatory Compliance Supervisor
- J. Lanier, Associate Engineer

Other licensee employees contacted included two technicians, two operators, and two office personnel.

#### Other Organizations

- E. Thorsen, General Electric C&I Services Engineer
- A. Hekmatic, General Electric C&I Services Engineer
- W. Porter, Bechtel Site Superintendent

#### NRC Resident Inspectors

- J. Crlenjak, Senior Resident Inspector
- \*P. Holmes-Ray, Resident Inspector

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on June 14, 1984, with those persons indicated in paragraph 1 above. The licensee acknowledged the findings without significant comment. One Inspector Followup Item was identified:

- 366/84-20-01, "Timely Processing of Controlled Documents."

### 3. Licensee Action on Previous Enforcement Matters

Not inspected.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

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

The inspectors toured portions of the Units 1 and 2 reactor buildings, control buildings and control complex, turbine building and switchyard to observe on-going activities for compliance with NRC requirements and licensee commitments.

No violations or deviations were identified.

6. Design Changes and Modifications (97705)

The inspectors obtained a copy of Design Change Request (DCR) #80-112, its associated maintenance request and as-built notices. The review of these documents was performed to insure that all applicable plant administrative controls were met and that all necessary procedural steps were completed prior to closing out the identified DCR.

During the review the inspectors interviewed plant personnel in the Maintenance Office, Quality Assurance Office, Quality Control Office and Bechtel site office.

In reviewing the material obtained from the Document Control Unit, the inspectors noted that a part of the maintenance request (MR) was not available in the close-out package. The MRs were located by the licensee, which were stored in the office of the Quality Control Superintendent. The inspectors noted that although the MRs were correctly closed out, the time between closing and transmitting the documentation to Document Control via Quality Assurance was almost a year (sign off dated was June 1983). This item was brought to the attention of plant management during the exit interview. Site management assured the inspectors that this problem would be resolved.

This will be identified as an Inspector Followup Item 366/84-20-01, "Timely Processing of Controlled Documents."

No violations or deviations were identified in the areas inspected.

7. ARTS Program Modification (97705)

The inspectors reviewed the status of the Average Power Range System, Rod Block Monitoring System, and Technical Specification changes (ARTS) for Unit 2 in progress.

After interviewing General Electric consultant personnel as to completion of these modifications, the inspector was informed that:

1. Wiring and card modification was completed and verified.
2. Field Description Instruction for channel "B" calibration was complete.
3. Field Disposition Instruction for channel "A" calibration would be complete on or about June 15, 1984.

4. Inner bay wiring required from bay 2 to bay 4 of the Power Range Neutron Monitor System cabinet would be complete by June 18, 1984.

The changes implemented thus far appeared to be correct as outlined in Licensing Report, NEDC 30474-P, class III.

No violations or deviations were identified in the areas inspected.

8. Review of Nonroutine Events Reported by the Licensee (Units 1 and 2) (92700)

The following Licensee Event Reports (LERs) were reviewed for potential generic impact, to detect trends, and to determine whether corrective action appeared appropriate. The inspectors conducted records review and discussions with licensee personnel to determine that corrective action was in conformance with regulatory requirements, Technical Specifications and licensee procedures and controls.

<u>LER Number</u>	<u>Description</u>
321-83-115	4 sets of RWCU differential temperature thermocouples inoperable due to improper drawings by A/E at startup
321-83-117	1P41-F401B, diesel generator cooling supply valve, closed due to personnel error
321-84-004	Scram discharge volume hi-hi level thermal sensors had not been functionally tested at required frequency
321-84-008	Computer programming error caused miscalculation of surveillance testing frequency
366-83-117	Discrepancy between procedural setpoint for "B" core spray sparger differential pressure instrument and TS requirements
366-83-148	LCO not implemented on fire door 2L48-2R53 due to personnel error and component failure

No violations or deviations were identified.

9. IE Bulletin 80-06 Engineered Safety Features (ESF) Reset Controls (92703)

In a letter from the licensee to the NRC dated June 12, 1980, it was stated that in accordance with item 1 of the Bulletin the drawings for essential safety systems with and without Manual Reset Logic Circuitry for both Units were reviewed and that the associated safety equipment was found to remain in its emergency mode after reset of the ESF or Manual Logic Reset signals with the exception of the Automatic Depressurization System and the Hydrogen and Oxygen Analyzer System.

In response to item 2 of the Bulletin the licensee provided attachments detailing the type of functional test and testing frequency per Technical Specifications.

In a letter dated January 26, 1982 from the NRC to the licensee, it was concluded that the concerns of the Bulletin for Units 1 and 2 had been satisfied. It also states that the commitment for system functional testing will be completed prior to restart from the next refueling outages.

The inspectors verified by reviewing the Technical Specification surveillance schedule for selected essential safety systems that performance of the system functional testing prior to restart fulfilled their commitment. This item will remain open until the inspectors verified test results are in compliance with the Bulletin.

No violations or deviations were identified in the areas inspected.