



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

Report Nos.: 50-321/84-37 and 50-366/84-37

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 Date: September 4-7, 1984

Inspection at Hatch site near Baxley, Georgia

Inspector: *G. A. Schnebli* 9/18/84  
 G. A. Schnebli Date Signed

Approved by: *Frank Jape* 9/18/84  
 F. Jape, Section Chief Date Signed  
 Engineering Branch  
 Division of Reactor Safety

SUMMARY

Scope: This routine, unannounced inspection involved 27 inspector-hours on site in the areas of startup testing following major system modification, test data review. 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
- P. Fornell, Site QA Manager
- \*D. Vaughn, QA Engineer
- W. Crockett, Unit 2 Outage Coordinator
- R. Croft, Assistant Engineer
- R. Godby, Plant Project Engineer
- S. Kirk, Lead Recirc Startup Engineer

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

#### Other Organization

- J. Adams, General Electric Shift Test Engineer
- J. Chambers, General Electric Startup Engineer

#### 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 September 7, 1984, with those persons indicated in paragraph 1 above. The licensee acknowledged the findings without significant comment.

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

No violations or deviations were identified.

## 6. Reactor Coolant System Hydrostatic Test Results Evaluation (70562)

The inspector reviewed the test results of HNP-2-3995, Inservice Inspection RPV Hydro, to ensure the following:

- a. Changes to the procedure were made in accordance with the licensee's administrative controls and subsequent to the changes, the test procedure still satisfied licensee commitments.
- b. The water used for the test met the proper chemistry requirements.
- c. Test pressure and duration met ASME code requirements.
- d. Reactor coolant temperature was above the nil ductility transition temperature during the test.
- e. The test results had been reviewed and approved in accordance with administrative requirements.

No violations or deviations were identified.

## 7. Startup Test Results Evaluation (72301)

The inspector reviewed the test results of HNP-2-10249, System Expansion, which confirmed that the pipe suspension system is working as designed, and that the piping was free of obstructions that could constrain free pipe movement. The review consisted of the following:

- a. That all test procedure changes were:
  - approved in accordance with licensee's administrative controls
  - annotated to identify the change
  - verified to not change the basic objectives of the test
- b. Verified that each test deficiency had been resolved, properly documented, and accepted by appropriate personnel
- c. Verified that all data sheets had been completed and were within acceptance tolerances
- d. Verified that the cognizant engineering function evaluated the test results, and signified that the testing demonstrated that the system met design requirements

No violations or deviations were identified.

## 8. Startup Testing - New or Modified Systems (72701)

The inspector witnessed selected portions of various testing in progress which included the following:

- HNF-2-9402, Control Rod Scram Testing
- HNP-2-10251, Feedwater Flow Control
- HNP-2-10254, Relief Valve Testing
- HNP-2-10256, Load Line Verification and Jet Pump Base Line Data

Witness of the testing in progress included:

- a. Testing was conducted in accordance with approved procedures and copies of the procedure were available and in use by personnel conducting the test.
- b. Test equipment was properly installed.
- c. Test data were collected and recorded as required by the procedure or other administrative instructions.
- d. Adequate coordination existed among the responsible organizations to conduct the test properly.
- e. Test procedure prerequisites were met.
- f. Preliminary review of test results assured that the licensee's preliminary test evaluation was consistent with the inspector's observations.

No violations or deviations were identified.