



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

Report No.: 50-366/78-52

Docket No.: 50-366

License No.: NPF-5

Licensee: Georgia Power Company  
Plant E. I. Hatch  
Post Office Box 442  
Baxley, Georgia 31513

Facility Name: E. I. Hatch, Units 2

Inspection at: Baxley, Georgia

Inspection conducted: December 19-22, 1978

Inspectors: R. Vogt-Lowell  
M. J. Graham

Approved by:

*R. D. Martin*  
R. D. Martin, Chief

Nuclear Support Section No. 1

Reactor Operations and Nuclear Support Branch

*1/2/79*  
Date

Inspection Summary

Inspection on December 19-22, 1978 (Report No. 50-366/78-52)

Areas Inspected: Routine, unannounced inspection to review Unit 2 startup test activities. The inspection involved 56 inspector-hours on-site by two NRC inspectors. Results: No items of noncompliance or deviations were identified in the areas inspected.

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DETAILS I

Prepared by:

R. J. Vogt-Lowell  
R. J. Vogt-Lowell, Reactor Inspector  
Nuclear Support Section No. 1  
Reactor Operations and Nuclear  
Support Branch

1/12/79  
Date

Dates of Inspection: December 19-22, 1978

Reviewed by:

R. D. Martin  
R. D. Martin, Chief  
Nuclear Support Section No. 1  
Reactor Operations and Nuclear  
Support Branch

1/12/79  
Date

1. Persons Contacted

a. Georgia Power Company

- \*M. Manry, Plant Manager
- \*H. Nix, Assistant Plant Manager
- \*T. Greene, Superintendent of Engineering Service
- \*S. X. Baxley, Superintendent of Operations
- \*C. L. Coggin, Startup Test Director
- \*C. E. Belflower, QA Site Supervisor
- P. E. Fornel, QA Field Representative
- \*G. E. Spell, Senior QA Field Representative

b. General Electric Company

R. M. Wyatt, Lead STD&A Engineer

\*Denotes those present at the Exit Interview.

2. Licensee Action on Previous Inspection Findings

Not applicable to this inspection report period.

3. Unresolved Items

No new unresolved items this report period.

4. Exit Interview

The inspector met with M. Manry, Plant Manager, and members of his staff as denoted in paragraph 1 on December 22, 1978. The inspector

summarized the scope and findings of the inspection and indicated that subsequent inspections would continue to focus on the ongoing startup test program.

### 5. Startup Test Results Evaluation

Five completed startup test procedures and two plateau procedures were reviewed by the inspector to ascertain whether uniform criteria are being applied for evaluating completed startup tests to assure their technical and administrative adequacy. Each procedure was reviewed to verify:

- a. Each procedure change was approved in accordance with the pertinent administrative procedures.
- b. That the test change had been completed if it entailed specific action.
- c. That the procedure change did not change the basic objectives of the test.
- d. That all test exceptions had been resolved and that the resolution had been accepted by appropriate management.
- e. That outstanding exceptions have been identified and if completed, proper approval signature obtained.
- f. If required, the retest requirements have been completed.
- g. Licensee review and evaluation of the test results and acknowledgement that testing demonstrated system design requirements.
- h. That the licensee specifically compared test results with established acceptance criteria.
- i. That data sheets had been completed and that all data recorded where required are within acceptance tolerance.
- j. That those personnel charged with responsibility for review and acceptance of test results have documented their review and acceptance of test package.

The following documents were reviewed:

- HNP-2-10514 RCIC - Test Condition 2
- HNP-2-10519 Core Performance - Test Condition 2
- HNP-2-10522 Pressure Regulator - Test Condition 2

- HNP-2-10531 Loss of Off-Site Power - Test Condition 2
- HNP-2-10622 Pressure Regulator - Test Condition 3
- HNP-2-10400 Test Condition 1 - Plateau Procedure
- HNP-2-10600 Test Condition 2, 3, 7 - Plateau Procedure

Final management approval of the results of the startup tests listed above is yet outstanding pending review of the individual tests by the plant review board (PRB).

Within the areas inspected, no items of noncompliance or deviations were identified.

#### 6. Quality Assurance Audits

The following QA audits of startup activities performed by the on-site QA staff were reviewed:

- QA-78-200 Audit of startup test activity, implementation and compliance with procedures for testing prior to initial heatup.
- QA-78-201 Audit of reactor vessel fuel load.
- QA-78-246 Audit of startup testing in the heatup range of the following startup test procedures (STP's): HP-2-10306; HNP-2-10310; HNP-2-10312; HNP-2-10313.
- QA-78-250 Audit of the following STP's at test condition 1: HNP-2-10406; HNP-2-10411; HNP-2-10416.
- QA-78-254 Audit of the following STP's at test condition 1: HNP-2-10417; HNP-2-10422; HNP-2-10428; HNP-2-10444; HNP-2-10474; HNP-2-10941
- QA-78-261 Audit of the following STP's at test condition 1: HNP-2-10400; HNP-2-10409; HNP-2-10413; HNP-2-10418
- QA-78-284 Special Audit of HPCI and RCIC Startup Activities
- QA-78-289 Audit of the following STP's at test condition 2: HNP-2-10530; HNP-2-10529; HNP-2-10570; HNP-2-10514.

Within the areas inspected, there were no items of noncompliance or deviations identified.