



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

Report Nos.: 50-321/84-26 and 50-366/84-26

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: E. I. Hatch

Inspection Date: July 16 - 20, 1984

Inspection at Hatch site near Baxley, Georgia

Inspectors:

for S. Burris Frank Jape

8/6/84
Date Signed

G. Schnebli
G. Schnebli

8/6/84
Date Signed

Approved by:

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

8/6/84
Date Signed

SUMMARY

Areas Inspected

This routine, unannounced inspection involved 67 inspector-hours on site in the areas of review of test procedure No. HNP-2-10183, Integrated ECCS Test II, review of test procedure for the rod block monitoring system ARTS modification for DCR 84-105, verification of as-builts, independent inspection, review of the snubber surveillance program, and plant tour.

Results

Of the five areas inspected, 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
- P. Fornell, Site QA Manager
- *D. Vaughn, QA Engineer
- A. Harrelson, Deputy Project Manager, RPRP
- J. Watson, Supervisor of QC Recirculation Piping Replacement Project
- T. Huckaby, Systems Engineer
- C. Goodman, Regulatory Compliance Engineer
- R. Lynn, Maintenance Foreman

Other licensee employees contacted included one construction craftsman, three technicians, two operators, three security force members, and six office personnel.

Other Organization

C. Moore, General Electric Startup Test Engineer

NRC Resident Inspector

P. Holmes-Ray, Resident Inspector

2. Exit Interview

The inspection scope and findings were summarized on July 20, 1984, with those persons indicated in paragraph 1 above. The licensee acknowledged the findings without significant comment. The inspectors cleared Inspector Followup Item (IFI) #50-366/80-20-01 "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 - Unit 2 (92706)

The inspectors toured portions of the Unit 2 reactor building, auxiliary building, control room, and drywell to observe on-going activities for compliance with NRC requirements and licensee commitments.

In addition to the above tours, the inspectors review several items to update the status of each item as identified below:

- a. Review of Inspector Followup Item #50-366/80-20-01; "Timely Processing of Controlled Documents"; this item was identified in a previous inspection due to the fact that a large number of control documents had not been forwarded to document control for safe recording keeping. The inspector reviewed the subject documents to insure that they had been processed in accordance with applicable plant procedures for the purpose of record storage and maintenance. The review of this item satisfied the inspectors that the subject documents were processed and available for proper review as required by plant procedures. This item is closed.
- b. Review of I.E. Bulletin 80-25, Target Rock Safety Relief Valves. The inspectors reviewed the implementation of commitments as outlined in Hatch's letter of response to Target Rock Safety Relief Valve problems (#NED-83-280 dated June 24, 1983). Work to correct some of these identified problems continues during the current Unit 2 outage and is scheduled for Unit 1 during the upcoming outage. This item remains open.

No violations or deviations were identified in the areas inspected.

6. Review of Test Procedures (97705)

Several test procedures were reviewed as follows:

- a. HNP-2-10183, Integrated ECCS Test II. The inspectors reviewed this test to verify that the procedure had been approved in accordance with applicable plant instructions, calibration of test measurement equipment was properly addressed, and provisions for obtaining needed test data was addressed, deficiencies identified during testing and changes required were made in accordance with approved procedures.

The inspectors identified several minor questions during discussions with plant personnel, which were resolved to the inspectors satisfaction. These questions were identified in reference to the systems required for complete system functional verification, in that some systems (HPCI, RCIC) would not be available for testing. Staff personnel said that the current test procedure would be revised to reflect these conditions and that these inoperable systems would be tested at a later date under a new procedure.

- b. Review of DCR 84-105 Functional Test, Rod Block Monitoring System ARTS Modification Tests. The inspectors obtained a current copy for review in the regional office to insure that an approved procedure was in use,

test equipment being used was properly calibrated, test data was collected properly, deficiencies identified during the conduct of the test were identified and documented in accordance with approved procedures. As identified by functional test DCR 84-105 all portions have been completed with the exception of DCR 84-105 Part I, Data package 3 Computer Module Check.

The inspectors will review completed test results in future inspections.

No violations or deviations were identified in the areas inspected.

7. Verification of As-Builts (37051)

The inspectors toured Unit 2 drywell to review the progress of the installation of piping and interference items required for the recirculation piping replacement project (RPRP).

The licensee personnel described the method and manner for the identification, removal and reinstallation for both the reactor recirculation piping and other necessary items (interference), which required accountability control measures for reinstallation.

As discussed with plant personnel, procedural controls were maintained by Newport News Industrial Organization (NNI) during this outage. NNI scheduled all identified items for removal and reinstallation using NNI procedures, which included the identification and control of any item not listed (damage to fixtures, cables, supports, etc.) under the removal list. These controls were to be implemented by both plant and contract personnel as each problem was found. Plant personnel assured the inspectors that all personnel were aware that any damaged item found should be brought to the appropriate management attention. Although NNI procedures were used to document these evolutions, Plant Hatch quality control organization planned to verify the work completion by a 100% visual check by Q.C. personnel.

The inspectors informed plant personnel that this area would be examined further in future inspections.

No violations or deviations were identified in the areas inspected.

8. Snubber Surveillance Program (61729)

During the course of this inspection, the inspectors discussed the snubber surveillance program with licensee engineers and maintenance shop personnel, performed visual inspections of various snubbers throughout Unit 2 drywell, and reviewed procedures and quality records for inspection and testing of snubbers.

a. Inspection of Unit 2 Snubbers

The inspectors performed a visual inspection of ten mechanical and hydraulic snubbers located in Unit 2 drywell. The visual inspection consisted of the following:

- (1) Inspection of the attachments on the foundation or supporting structure for physical damage.
- (2) Evidence of impaired functional ability such as corrosion, structural deformation, missing parts, loose fasteners, disconnected components, etc.
- (3) Inspection of the snubbers for hydraulic leaks.
- (4) Verification of acceptable reservoir fluid level.
- (5) Determination that the snubber has freedom of movement.

b. Review of Snubber Surveillance Procedures

The inspectors reviewed the following procedures which control the snubber surveillance program:

- (1) HNP-2-3915-M, Hydraulic Shock and Sway Arrestor Inspection and Functional Test
- (2) HNP-2-6804, Inspection and Testing Pacific Scientific Mechanical Snubbers

c. Review of Quality Records

The inspectors reviewed quality records documenting visual and functional testing of Unit 2 snubbers accomplished during the current outage. Record review consisted of the following:

- (1) visual inspection results
- (2) functional testing results
- (3) engineering evaluation to resolve non-acceptable snubbers found in (1) or (2) above
- (4) test stand daily pre-operational checks
- (5) vendor certificates of compliance performance characteristics.

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