



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

Report Nos.: 50-321/84-05 and 50-366/84-05

Licensee: Georgia Power Company
 P. O. Box 4545
 Atlanta, GA 30502

Docket Nos.: 50-321 and 50-366

License Nos.: DPR-57 and NFF-5

Facility Name: Hatch 1 and 2

Inspection at Hatch site near Baxley, Georgia

Inspector: Frank Jape 3/8/84
 J. J. Lenahan Date Signed

Approved by: Frank Jape 3/8/84
 F. Jape, Section Chief Date Signed
 Engineering Program Branch
 Division of Engineering and Operational Programs

SUMMARY

Inspection on February 21 - 23, 1984

Areas Inspected

This routine, unannounced inspection involved 16 inspector-hours on site in the areas of licensee action on previous inspection findings and routine surveillance and inspection of snubbers.

Results

In the two areas inspected, no violations or deviations were identified in one area; one apparent violation was found in one area (Inadequate inspection of masonry wall modifications - paragraph 3.b).

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REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *T. Beckman, Vice-President and General Manager, Nuclear Operations
- *C. E. Belflower, QA Site Manager
- *L. G. Byrnes, QA Engineer
- *T. Greene, Deputy General Manager - Plant Hatch
- T. Huckaby, Reactor Systems Engineer
- R. Lynn, Mechanical Maintenance Foreman
- *H. Nix, General Manager - Plant Hatch
- G. Welsh, QA Engineer

Other licensee employees contacted included five mechanics.

NRC Resident Inspectors

- *R. V. Crlenjak
- *P. Holmes-Ray

*Attended exit interview

2. Exit Interview

The inspection scope and preliminary inspection findings were summarized on February 23, 1984, with those persons indicated in paragraph 1 above. Subsequent to the inspection, on March 1, 1984, the inspection findings listed below were discussed in a telephone conversation with the Plant Hatch Deputy General Manager. The licensee acknowledged the inspection findings.

- Violation Item 321/84-05-01 and 366/84-05-01, Inadequate Inspection of Masonry Wall Modifications (paragraph 3.b)
- Unresolved Item 321/84-05-02 and 366/84-05-02, Timely Closeout of Design Change Requests (paragraph 5)

3. Licensee Action on Previous Enforcement Matters

- a. (Closed) Unresolved Item 366/80-44-03, Licensee to Verify Type of Snubber Seal Material. The licensee has obtained certification in a letter dated January 7, 1981, from Bergen-Patterson Pipe Support Corporation, that all Bergen-Patterson snubbers installed at Plant Hatch contain ethylene-propylene (E-P) seals. Also, the licensee uses only E-P seals in their preventive maintenance programs which involves rebuilding 25% of the hydraulic snubbers during each outage. This item is closed.

- b. (Closed) Unresolved Item 321/83-24-01 and 366/83-25-01, Masonry Wall Modification Welding Requirements. Subsequent to the inspection of August 17 - 19, 1983, during which this unresolved item was identified, licensee QA personnel located and reviewed the records documenting inspection of the masonry wall modifications. This review disclosed that the licensee had not issued a field deviation report to change the type of weld used for the type specified on the design documents for connecting flanges of W8 x 35 members. Licensee engineer submitted a field deviation report (FDR) to Southern Services Company (SSC) to document the change in the connection weld detail. Approval of the FDR is documented in SSC letter, number 83-5827, dated September 29, 1983. The inspector reviewed the records documenting QC inspection of the wall modifications. Review of these records disclosed that the licensee QC inspectors had inspected the welds and apparently erroneously concluded that the welds used in connection of the flanges complied with the details shown on the design documents. The failure of the licensee QC inspector to note the discrepancy in the W8 x 35 connection welds was identified to the licensee as a violation. Thus, Unresolved Items 321/83-24-01 and 366/83-25-01 are closed and upgraded to Violation Items 321/84-05-01 and 366/84-05-01, Inadequate Inspection of Masonry Wall Modifications.

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. New unresolved items identified during this inspection are discussed in paragraph 5.

5. Independent Inspection Effort

The inspector reviewed the status of various plant modifications which have been implemented by design change requests (DCR). Review of this status and discussion with licensee management disclosed that the work for approximately 110 DCRs has been completed but the DCRs have not been closed out. The items that need to be resolved for close out of the DCR, are stated in Section F of procedure number HNP-809, Plant Modification - Approval and Implementation. The actual work, that is, physical modification to the plant, has been completed on some of the DCRs for one to two years, and in some cases longer than three years. Examples of items that need to be resolved prior to close out of these DCRs are verification by knowledgeable engineers that as-built drawings have been completed, that all affected procedures have been revised, that NCRs and field deviations reports have been resolved, and that revisions of various other documents (e.g. equipment indexes) have been completed. The failure to close-out the DCRs in a timely fashion was identified to the licensee as Unresolved Items 50-321/84-05-02 and 50-366/84-05-02, Timely Closeout of Design Change Requests, pending an indepth review of this problem by NRC in a future inspection.

6. Snubber Surveillance Program, Units 1 and 2 (61729)

The inspector examined procedures and quality records related to the snubber surveillance program and inspected snubbers on safety-related piping systems. Acceptance criteria examined by the inspector appear in Unit 1 Technical Specification 3/4.6.L and Unit 2 Technical Specification 3/4.7.4.

a. Review of Snubber Surveillance Procedures

The inspector examined the following procedures which control snubber surveillance activities:

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

Review of the above procedure and discussions with responsible engineers disclosed that the tables listing safety-related snubbers in the procedures were not current. This is due to plant modifications implemented under design change requests which have not been closed out. Since licensee engineers have identified this particular problem and are in the process of updating the applicable procedures, this was not identified as a violation by the inspector. However, as discussed in paragraph 5 above, this practice will be reviewed in detail by NRC in a future inspection.

b. Inspection of Snubbers

The inspector performed a visual inspection of the snubbers listed below and verified that attachment to the supporting structure and piping was secure, and for hydraulic snubbers, reservoir levels were acceptable.

- (1) Snubber numbers 231 A/B, 250, 251 A/B, 253, 254, 258, 267 A/B, 269 A/B, 271, 378 A/B, 379, 235* and 289* on the RHR (2E11) system
- (2) Snubber numbers 53 A/B on the core spray (2E21) system
- (3) Snubber numbers 20 A/B* on the HPCI (2E41) system

*Indicates mechanical snubbers. All other are hydraulic type.

c. Review of Quality Records

The inspector made a cursory review of quality records documenting visual inspection of Unit 1 snubbers performed in December 1981 and January 1983. Records examined were for various snubbers on the RHR, recirc, and high pressure safety injection systems.

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