



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

Report Nos. 50-321/81-03 and 50-366/81-03

Licensee: Georgia Power Company
270 Peachtree Street
Atlanta, GA 30303

Facility Name: Hatch Facility

Docket Nos. 50-321 and 50-366

License Nos. DPR-57 and NPF-5

Inspection at Hatch site near Baxley, Georgia

Inspector: *A. S. Johnson for*
T. A. Peebles

3/10/81
Date Signed

Approved by: *A. S. Johnson for*
J. C. Bryant, Section Chief, Division of
Resident and Reactor Project Inspection

3/10/81
Date Signed

SUMMARY

Inspection on February 17-20, 1981

Areas Inspected

This routine announced inspection involved 32 inspector-hours on site in the area of refueling activities, including surveillance testing and maintenance.

Results

In the one area inspected, three violations were found. (Failure to implement a procedure, paragraph 5.b(2); Failure to retrieve documents, paragraph 5.b.(2); Failure to accomplish an error analysis, paragraph 5.c.).

8108240

29

DETAILS

1. Persons Contacted

Licensee Employees

- *S. Curtis Sr. Senior Technical Advisor
- *Roger Tracy, Junior Engineer
- *C. E. Belflower, QA Site Supervisor
- *W. P. Wagner, QA/R
- *O. L. McDaniel, Supt. of Administration
- *B. T. Hix, Supt. of Maintenance
- *C. R. Miles, Jr., QA Field Supervisor
- *H. D. Byrd, I&C Foreman
- *C. D. Henry, I&C Foreman
- *P. Branch, QC
- *C. H. Williams, QC
- *C. L. Coggin, SPES
- *D. A. McCusker, QC Supervisor
- *J. T. Beckham, Manager of Nuclear Generation
- *T. V. Greene, Ass't Plant Manager
- *C. T. Moore, Ass't Plant Manager
- T. Elton, Engineering
- D. Morgan, Engineering
- P. Fornell, QA/R

Other licensee employees contacted included 3 technicians, 4 operators, and 12 office personnel.

*Attended exit interview

NRC Resident Inspector

*R. F. Rogers

2. Exit Interview

The inspection scope and findings were summarized on February 20, 1981, with those persons indicated in Paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Refueling Activities

a. Safeguards Functional Test with Loss of Offsite Power

The inspector reviewed the Unit 2 refueling functional tests with the cognizant engineer with specific attention to: technical content, resolution of discrepancies, procedural adherence, and evaluation of results. The tests reviewed were HNP-2-3830, HNP-2-3831 and HNP-2-3832. All aspects of the testing met regulatory requirements. In addition, after large scale maintenance on the 2C diesel, the licensee re-ran the 24-hour surveillance test. The monthly diesel operability test of the 2C diesel was observed by the inspector and was adequate.

b. Reactivity Control Systems (Surveillance Testing and Maintenance)

- (1) The inspector verified that the control rod sequence input to the Rod Worth Minimizer had been verified to be correct and that the control rod sequencing pattern had been properly transmitted to the operations group for use prior to the start-up of Unit 2 in accordance with Technical Specification (T.S.) 3.4.1.4.
- (2) The inspector reviewed maintenance records of four Local Power Range Monitors (LPRM) which had been replaced during the on-going refueling of Unit 2. The Maintenance Request (MR) (2-80-4176) completed on 12/2/80, did not have the Inventory Material Requests (IMR) or notation on the back of the MR as to parts used or have the QA tags attached as HNP-8 (procedure for implementing MR's) required. This item, together with the example in paragraph 5.b.(3) constitutes a violation (366/81-03-01) for failure to implement a procedure.

A similar item was brought to the licensee's attention in our letter dated August 22, 1980. The response to this infraction stated that a detailed MR training program would be completed by November 1, 1980. The onsite Quality Assurance group verified that this had been accomplished and closed out their item on 11/23/80.

The procedure for replacement of the LPRM's (HNP-2-6035) did not have a step to require that initial settings for new LPRM's be obtained from the reactor engineer and the instrument re-set in accordance with current approved calibration procedures. The licensee changed the procedure and made the correct initial settings for these LPRM's prior to the unit start-up.

The completed procedures for this MR (2-80-4176), which were used to bench test the LPRM's and to install them, were requested so that a review could be done. They were not retrieved and are an example of non-retrievability of records without undue delay as is required by ANSI N45.2.9-1974, per commitment to Regulatory Guide

1.88 in the FSAR section 17.2 and Appendix A. Other examples are shown in paragraphs 5.b.3 and 5.c and together constitute a violation (366/81-03-02).

- (3) The inspector reviewed maintenance records of replacement and repair of control rod reed switch position indicators. The MR's were noted as being safety-related (Q) and some as not being safety-related (Not-Q). A copy of the MR's were requested and one (MR-2-80-4023 dated 12/11/80) was found, was marked Q and did not have the QA tags attached. This MR had been reviewed and is an example of not implementing HNP-8. An attempt was then made to review a sufficient number of the other MR's completed on the control rod reed switch position indicators to ascertain if these examples were an oversight; however, of the eight MR's requested, four required two days or longer to retrieve (MR's 2-80-1541, 2-80-1242, 2-80-1915 and 2-80-3145) and one was not retrieved (2-80-1873). This is an example of non-retrievability of documents. Only one MR had the required QA tag (2-80-2131).

Discussions with corporate management indicates that the problem of document retrievability was being investigated.

c. Primary Containment Leakrate Testing

The inspector reviewed the primary containment periodic type B and type C leakage procedure (HNP-2-3952) for testing technique, instrument calibration, test result evaluation and T.S. conformance. All aspects of the testing were acceptable, except that of the calibration of the flow instrument used for the main steam isolation valve leak rate testing and the evaluation of this data. When this instrument was received from the calibration vendor, it was noted by the licensee that the pressure that the instrument was calibrated at was noted to be 59 psig, which was questioned as it should have been 28.8 psig. The vendor responded that 59 psig was the pressure used. The licensee did not question the difference in accuracy which would be caused by using the instrument at 28.8 psig and assumed that there would not be a difference. When the inspector questioned the basis for no error difference, the licensee contacted the vendor and it was determined that a decrease in accuracy would have to be taken into account. It was agreed that the maximum postulated inaccuracy would not cause the recalculated leakages to be outside the margin allowed and the Technical Specification leakage limits were being met. This is considered a violation (366/81-03-03) as an error analysis was not done to assure that the margin to the Technical Specification limits was being met with known instrument tolerances per Technical Specification 3/4.6.1.2.e.

The calibration data for the flow meter was requested for review. The retrieval of this document required more than a day and is considered an example of document non-retrievability.

d. Reactor Engineering

The procedure for Shutdown Margin Demonstration (HNP-2-9401) and the form completed after criticality were reviewed with no discrepancies found.

The control rod scram testing procedure (HNP-2-9402) and the data on the control rods that had been tested were reviewed. The test evaluation was being accomplished, but there was no method of documenting the evaluation. A formal evaluation and review was requested prior to the control rods being declared operable. This was completed. Also, a change to the procedure was requested to assure the continuing evaluation and review of the scram times and this was initiated.