UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30323

Report Numbers: 50-321/86-09 AND 50-366/86-09

Licensee: Georgia Power Company
P.O. Box 4545
Atlanta, GA 30302

Docket Numbers: 50-321 and 50-366

License Numbers: DPR-57 and NPF-5

Facility Name: Hatch 1 and 2

Inspection Dates: February 22 - March 21, 1986

Inspectors: A. J. Ignatonis for Peter Holmes-Ray, Senior Resident Inspector — 4/22/86 Date Signed

A. J. Ignatonis for Gregory M. Neffelt, Resident Inspector — 4/22/86 Date Signed

A. J. Ignatonis for William C. Bearden, Resident Inspector — 4/22/86 Date Signed

Approved by: A. J. Ignatonis
A.J. Ignatonis, Section Chief,
Division of Reactor Projects — 4/22/86 Date Signed

SUMMARY

Scope: This routine inspection entailed 184 resident inspection hours at the site in the areas of Operational Safety Verification, Maintenance Observation, Plant Modification and Surveillance Observation, Engineering Safety Feature (ESF) System Walkdown, Reportable Occurrences, Operating Reactor Events, Inspector Followup, Unresolved Items, and Refueling Operations.

Results: One violation was identified - failure to return Core Spray (CS) jockey pump to service.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

*H. C. Nix, Site General Manager
*T. Greene, Deputy Site General Manager
*H. L. Sumner, Operations Manager
*T. Seitz, Maintenance Manager
*T. R. Powers, Engineering Manager
*R. W. Zavadoski, Health Physics and Chemistry Manager
*P. E. Fornel, Site Quality Assurance (QA) Manager
E. F. Aldridge, Plant Material Superintendent
*S. B. Tipps, Superintendent of Regulatory Compliance
H. T. Wilkes, Plant Material Supervisor
*D. J. Elder, Senior QA Field Representative
*C. R. Goodman, Senior Regulatory Compliance Engineer

Other licensee employees contacted included technicians, operators, mechanics, security force members and office personnel.

*Attended exit interview

2. Exit Interview (30703)

The inspection scope and findings were summarized on March 25, 1986, with those persons indicated in paragraph 1 above. One violation, one unresolved item*, and one inspector followup item described below were identified during this inspection and discussion in detail during the exit meeting. The licensee acknowledged the findings and took no exceptions. During the reporting period frequent discussions were held with the General Manager and/or his assistants concerning inspection findings. The licensee did not identify as proprietary any of the material provided to or reviewed by the inspectors during this inspection.

(Open) Violation 50-366/86-09-01, Failure to return Unit 2 core spray (CS) jockey pump into service (Paragraph 4).

(Open) Unresolved Item 50-321,366/86-09-02, Concerns related to the control of onsite lubricants and chemicals (Paragraph 5).

(Open) Inspector Followup Item 50-321,366/86-09-03, Clarification for requiring use of maintenance work order for controlling the addition of oil to equipment with low oil levels (Paragraph 5).

3. Licensee Action on Previous Enforcement Matters (92702)

Not inspected.

*An Unresolved Item is a matter about which more information is required to determine whether it is acceptable or may involve a violation or deviation.

4. Operational Safety Verification (71707)

The inspectors kept themselves informed on a daily basis of the overall plant status and any significant safety matters related to plant operations. Daily discussions were held with plant management and various members of the plant operating staff. The inspectors made frequent visits to the control room. Observations included instrument readings, setpoints and recordings, status of operating systems, tags and clearances on equipment, controls and switches, annunciator alarms, adherence to limiting conditions for operation, temporary alterations in effect, daily journals and data sheet entries, control room manning, and access controls. This inspection activity included numerous informal discussions with operators and their supervisors. Weekly, when on site, selected ESF systems were confirmed operable. The confirmation was made by verifying the following: accessible valve flow path alignment, power supply breaker and fuse status, instrumentation, major component leakage, lubrication, cooling, and general condition.

General plant tours were conducted on at least a biweekly basis. Portions of the Control Building, Turbine Building, Reactor Building and outside areas were visited. Observations included safety related tagout verifications, shift turnover, sampling program, housekeeping and general plant conditions, fire protection equipment, control of activities in progress, radiation protection controls, physical security, problem identification systems, and containment isolation.

Within the areas inspected, one violation was identified. On February 25, 1986, the Resident Inspector found the Unit 2 Core Spray (CS) 2E21-C002A jockey pump in a turned off condition. The change of equipment status for this jockey pump from its "AUTO/RUN" position in procedure, 34SO-E21-001-2, Revision 0, was not documented in the Plant Operator Logs, as required by procedure 31GO-OPS-007-0S, Revision 0. The Unit 2 Shift Supervisor determined that this jockey pump was turned off on February 22, 1986; and oil was added to the pump on February 24, 1986. The operability of the CS system was not degraded, because two jockey pumps were in the "RUN" position. The failure to log and maintain the CS jockey pump in a configuration prescribed by plant procedures constitutes a violation (50-366/86-09-01).

5. Maintenance Observation (62703)

During the report period, the inspectors observed selected maintenance activities. The observations included a review of the work documents for adequacy, adherence to procedure, proper tagouts, adherence to technical specifications, radiological controls, observation of all or part of the actual work and/or retesting in progress, specified retest requirements, and adherence to the appropriate quality controls. As a result the following Unresolved Item (URI) and Inspector Followup Item (IFI) have been identified.

The resident inspector identified the following items concerning the control of lubricants and chemicals: (1) the "Lubrication Guide" referenced in procedure, 51-GM-MNT-017-0S, Revision 0, was found not to be a controlled document, as required by Administrative Control Procedure, 20AC-ADM-003-0S, Revision 0; (2) the "Equipment Lubrication Sheets" were not maintained in Warehouse #6 for new lubricants brought into its Lubricant Storage Room, as required by 51GM-MNT-017-0S, Revision 0; and (3) two 55-gallon drums of cleaning fluid, which were transported inside the protective area on March 21, 1986, were not recognized by the licensee to be contaminated with other chemicals, until the inspector questioned the contents and samples taken by the licensee. Collectively, these three items, concerning the control of lubricants and chemicals, were identified as an URI pending further inspector review (50-321,366/86-09-02).

The use of "Lubrication Data Sheet," in accordance with, 51GM-MNT-017-0S, Revision 0, was considered sufficient by the licensee for controlling the addition of oil to equipment found with a low oil level . However, the Maintenance Program Procedure, 50AC-MNT-001-0S, Revision 4, Section 8.1 stated, "MWOs [Maintenance Work Orders] are required for all plant related corrective maintenance...." The addition of oil to equipment found with a low oil level can be interpreted, as corrective maintenance rather than as preventative maintenance. The clarification of the Maintenance Department Procedure, 50AC-MNT-001-0S, for controlling the addition of oil to equipment found low with oil was identified as an IFI (50-321,366/86-09-03).

A Corporate Valve Team is in place at Plant Hatch to review the adequacy of valve maintenance, during the current Unit 1 outage. The resident inspectors are monitoring the progress of this team.

No violations or deviations were identified.

6. Plant Modification and Surveillance Testing Observations (37700 & 61726)

The inspectors observed the performance of selected surveillances and plant modification Design Change Requests (DCRs). The observation included a review of the procedure and/or DCR for technical adequacy, conformance to Technical Specifications, verification of test instrument calibration, observation of all or part of the actual surveillances, removal from service and return to service of the system or components affected, and review of the data for acceptability based upon the acceptance criteria.

No violations or deviations were identified.

7. ESF System Walkdown (71710)

The inspectors routinely conducted partial walkdowns of ESF systems. Valve and breaker/switch lineups and equipment conditions were randomly verified both locally and in the control room. During the inspection period, the inspectors conducted a complete walkdown in the accessible areas of the

Unit 2 Residual Heat Removal (RHR) Low Pressure Coolant Injection (LPCI) Train "B". The system lineups were verified to be in accordance with licensee requirements for operability, and the equipment material conditions were found to be satisfactory.

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

8. Reportable Occurrences (90712 & 92700)

The following Licensee Event Reports (LERs) were reviewed for potential generic impact, to detect trends, and to determine whether corrective actions appeared appropriate. Events which were reported immediately were also reviewed as they occurred to determine that Technical Specifications were being met and the public health and safety were of utmost consideration.

Unit 1: 86-005, 86-008, and 86-009.
Unit 2: 85-020, Rev. 1; 85-035, Rev. 1; and 86-004.

9. Refueling (60710)

During this reporting interval, the inspectors verified by observation, interviews and procedure review that the Unit 1 refueling was being conducted in accordance with regulations. Areas inspected included adequacy of procedures, movement of fuel into the reactor vessel, fuel sipping, Technical Specification compliance, and refueling floor housekeeping.

On February 26, 1986, the scram discharge volume thermal level switch, 1C11-N060A, was found valved out with a clearance by the licensee. As a result, the minimum number of two operable channels per trip system, prior to reloading fuel into the reactor vessel, was not met, as required by Technical Specifications 3.1, Table 3.1-1. Upon identification of the scram switch valve position, the licensee took prompt corrective action to restore the valve to its position. The additional check to verify all outstanding clearances prior to reloading fuel, although not required by plant procedures, failed to detect this discrepancy. To encourage and support licensee initiative for self-identification and correction of problems, this item is not cited as a violation, in accordance with 10 CFR Part 2, Appendix C.

Within the areas inspected no violations or deviations were identified.