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

Report Nos. 50-321/80-4 and 50-366/80-4

Licensee: Georgia Power Company
270 Peachtree Street, N.W.
Atlanta, Georgia 30303

Facility Name: Hatch

Docket Nos. 50-321 and 50-366

License Nos. DPR-57 and NPF-5

Inspector: H C Dance for 1/17/80
R. F. Rogers Date Signed

Approved by: H C Dance 1/13/80
H. C. Dance, Section Chief, RONS Branch Date Signed

SUMMARY

Inspection on December 12, 1979 - January 4, 1980

Areas Inspected

This inspection involved 70 inspector-hours onsite of technical specification compliance, reportable occurrences, housekeeping, operator performance, overall plant operations, quality assurance practices, station and corporate management practices, corrective and preventative maintenance activities, site security procedures, radiation control activities, and surveillance activities.

Results

Of the eleven areas inspected, no apparent items of noncompliance or deviations were identified in ten areas; one item of noncompliance was found in one area (infraction - failure to comply with LCO Action Statements, paragraph 10).

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DETAILS

1. Persons Contacted

Licensee Employees

*M. Manry, Plant Manager
*T. Moore, Assistant Plant Manager
*T. Greene, Assistant Plant Manager
S. Baxley, Superintendent of Operations
R. Nix, Superintendent of Maintenance
C. Coggins, Superintendent of Engineering Services
W. Rogers, Health Physicist/Radiochemist
C. Bellflower, QA Site Superintendent

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

*Attended exit interview.

2. Exit Interview

The inspection scope and findings were summarized on December 14 and 20, 1979 and January 4, 1980 with persons indicated in paragraph 1 above. The licensee management was informed that the names of licensed Reactor Operators directly involved in the matter identified on page 3 of this report will be transmitted to the Operator Licensing Branch of the Office of Nuclear Reactor Regulations and to IE:HQ for their information.

3. Licensee Action on Previous Inspection Findings

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Plant Operations Review (Units 1 and 2)

The inspector periodically during the inspection interval reviewed shift logs and operating records, including data sheets, instrument traces, and records of equipment malfunctions. This review included control room logs, auxiliary logs, operating orders, standing orders, jumper logs and equipment tagout records. The inspector routinely observed operator alertness and demeanor during plant tours. During abnormal events, operator performance and response actions were observed and evaluated. The inspector conducted random off-hour inspections during the reporting interval to assure that operations and security practices remained at an acceptable level. Shift turnovers were observed to verify that they were conducted in accordance with approved licensee procedures.

6. Plant Tours (Units 1 and 2)

The inspector conducted plant tours periodically during the inspection interval to verify that monitoring equipment was properly tagged, operations personnel were aware of plant conditions, and plant housekeeping and plant housekeeping efforts were adequate. The inspector also determined that appropriate radiation controls were properly established, critical clean areas were being controlled in accordance with procedures, excess equipment or material is stored properly and combustible material and debris were disposed of expeditiously. During tours the inspector looked for the existence of unusual fluid leaks, piping vibrations, pipe hanger and seismic restraint settings, various valve and breaker positions, equipment caution and danger tags and component positions, adequacy of fire equipment, and instrument calibration dates. Some tours were conducted on backshifts and weekends.

7. Review of Nonroutine Events Reported by the Licensee (Units 1 and 2)

The following licensee event reports (LERS) were reviewed for potential generic problems, to detect possible 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 that the public health and safety were of utmost consideration.

LER No.	Date of Report	Description
50-321/79-89	11/16/79	Piping not Seismic 1
50-321/79-95	12/14/79	Missed Surveillance
50-321/79-96	12/11/79	Oxygen Analyzer Out of Tolerance
50-321/79-97	12/11/79	Air Leakage into Oxygen Analyzers
50-321/79-99	12/27/79	Stack Inlet Valve Failure
50-321/79-100	12/19/79	LPCI Isolation Valve Leak
50-366/79-111	10/14/79	High Containment Pressure
50-366/79-125	12/11/79	Recirculation of Waste Tank
50-366/79-126	12/14/79	"D" PSW Pump Failure
50-366/79-129	12/14/79	HPCI Aux Oil Pump Failure
50-366/79-130	12/26/79	RX Water Level Switch Calibration
50-366/79-131	12/28/79	Torus Water Level Instrument Failure
50-366/79-132	1/2/80	Fission Product Iodine Monitor Failure
50-366/79-133	12/27/79	HPCI Room Delta Temperature Isolation
50-366/79-134	12/28/79	Noble Gas Monitor Failure

8. Technical Specification Compliance (Units 1 and 2)

During this reporting interval, the inspector verified compliance with selected limiting conditions for operation (LCO's) and results of selected surveillance tests. These verifications were accomplished by direct observation of monitoring instrumentation, valve positions, switch positions, and review of completed logs and records. The licensee's compliance with selected LCO action statements were reviewed on selected occurrences as they happened.

9. Physical Protection

The inspector verified by observation and interview during the reporting interval that measures taken to assure the physical protection of the facility met current requirements. Areas inspected included the organization of the security force, the establishment and maintenance of gates, doors and isolation zones in the proper condition, that access control and badging was proper, that search practices were appropriate, and that escorting and communications procedures were followed.

10. Failure to Comply with Technical Specifications (Unit 1)

On Saturday December 8, 1979, during a plant startup, the Reactor Core Isolation Cooling (RCIC) system was being used to maintain reactor water level. The RCIC turbine tipped at 9:40 a.m. due to high exhaust pressure and a reactor feed pump was then placed in service to maintain level as the startup continued. The licensed operators on shift did not declare the RCIC system inoperable as required. They reset the system and placed it in standby.

Technical specification 4.5.E.2 requires that the High Pressure Coolant Injection System (HPCI) be proven operable immediately when the RCIC system is found to be inoperable. Technical specification 3.5.E.3 requires the reactor to be shutdown and depressurized within 24 hours if HPCI is not proven operable. Neither technical specification was complied with due to personnel error and plant operation continued. Failure to test HPCI as required is an apparemt item of noncompliance (321/80-4-01).

On December 9, 1979, at 10:15 a.m., the RCIC system was again tested to satisfy a normal surveillance requirement. It again failed and technical specification were complied with. The failure was due to a stop check valve on the RCIC turbine exhaust which had vibrated shut when its locking device broke. This was reported in licensee event report 50-321/79-98 dated December 19, 1979. The failure to declare RCIC inoperable on December 8, 1979, was reported to the resident inspector on Monday December 10, 1979 when it was discovered by plant management. The operators involved (4) were immediately received of licensed duties to complete a training and self-study program on technical specification and procedural requirements. The resident inspector impressed the licensee with the seriousness of this occurrence.