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

Report Nos. 50-321/81-15 and 50-366/81-15

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

Facility Name: Hatch 1 and 2

Docket Nos. 50-321 and 50-366

License Nos. DPR-57 and NPF-5

Inspection at Hatch site near Baxley, Georgia

Inspector: Virgil Brownlee for 6/5/81
R. F. Rogers, Senior Resident Inspector — Date Signed

Approved by: H C Dance /fn 6/5/81
P. J. Kellogg, Section Chief, Division of Resident and Reactor Project Inspection — Date Signed

SUMMARY

Inspection on April 21 - May 20, 1981

Areas Inspected

This inspection involved 75 inspector-hours onsite in the areas of technical specification compliance, housekeeping, operator performance, overall plant operations, quality assurance practices, station and corporate management practices, corrective and preventive maintenance activities, site security procedures, radiation control activities, surveillance activities, licensee event reports and NUREG 0737 action items.

Results

Of the 11 areas inspected, no apparent violations or deviations were identified.

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
   C. Belflower, QA Site Supervisor

   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 April 30 and May 20, 1981 with 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. Plant Operations Review (Units 1 and 2)

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

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

6. Plant Tours (Unit 1 and 2)

The inspector conducted plant tours periodically during the inspection interval to verify that monitoring equipment was recording as required, equipment was properly tagged, operations personnel were aware of plant conditions, 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 or 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 fighting equipment and instrument calibration dates. Some tours were conducted on backshifts.

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

7. Technical Specification Compliance (Units 1 and 2)

During this reporting interval, the inspector verified compliance with selected limiting conditions for operations (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.

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

8. Physical Protection Units (1 and 2)

The inspector verified by observation and interviews 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, door and isolation zones in the proper condition, that access control and badging was proper, and procedures were followed.

Within the areas inspected no violations or deviations were identified.

9. Review of Nonroutine Events Reported by the Licensee (Units 1 & 2)

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 that the public health and safety were of utmost consideration. Astericked reports were followed up indepth onsite.

LER No.	Date of Report	Description
50-321/81-3	2/17/81	Bent HPCI lift rods*
50-321/81-4	1/29/81	Failure to approve procedural changes*
50-321/81-5	1/19/81	D/W temperature recorder INOP
50-321/81-6	2/10/81	SBLC relief valve lifted low
50-321/81-7	2/19/81	Failure to submit special report*
50-321/81-8	3/10/81	RCIC exhaust pressure switches actuated high
50-321/81-9	2/24/81	Nitrogen tank less than 2000 gallons.
50-321/81-10	2/24/81	IA and IC D/G siesmic supports inadequate*
50-321/81-11	3/05/81	Radwaste discharge prior to sample*
50-321/81-12	3/19/81	RCIC overspeed trip failure
50-321/81-13	3/26/81	HPCI oil line failure*
50-321/81-14	3/26/81	Excessive leakage on LLRTS
50-366/81-3	2/17/81	CMFLPD exceeded during operation*
50-366/81-4	2/20/81	RCIC turbine nozzle loads high*
50-366/81-5	2/12/81	Core Spray manual valves shut*
50-366/81-6	2/19/81	Failure of SBGT filter train
50-366/81-7	2/17/81	Reactor coolant not sampled*
50-366/81-8	2/12/81	CRD HCU pressure switches out of calibration
50-366/81-9	3/05/81	Conductivity not measured
50-366/81-10	3/05/81	RCIC flow controller inop*
50-366/81-11	2/24/81	Nonrated window in fire barrier*

50-366/81-12	3/12/81	B. Train SBLC inop
50-366/81-13	3/25/81	HCU accumulator low*
50-366/81-14	3/18/81	B SBLC relief valve lifted low*

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

10. NRC Task Action Plan Requirements review (NUREG 0737) (Units 1 and 2)

The inspector has reviewed the licensees implementation of various requirements associated with the NRC Task Action Plan (TAP) in response to the Three Mile Island accident. The current status is summarized below. Item numbers refer to TAP line items.

Item No.	Description	Implementation Date	Completed
I.A.1.1.1	Shift Technical Advisor on duty	01/01/80	Yes
I.A.1.1.2	Technical Specifications	10/28/80	Yes
I.A.1.1.3	STAs degreed engineers	01/01/81	Yes
I.A.1.1.4	Long term program submission	01/01/81	Yes
I.A.1.2	Shift Supervisor responsibilities	01/01/80	Yes
I.A.1.3.1	Shift overtime limits	11/01/80	Yes
I.A.2.1.4	SRO and RO Training Modification	08/01/80	Yes
I.C.1.1	Small Break LOCA procedures	06/01/80	Yes
I.C.2	Shift turnover checklist	01/01/80	Yes
I.C.3.	Shift Supervisor responsibility	01/01/80	Yes
I.C.4.	Control room access	01/01/80	Yes
I.C.5.	Feedback of operating experience	01/01/81	Yes
I.C.6.	Verify correct performance of activities	01/01/81	Yes
II.B.1.	Reactor coolant vents	07/01/82	Yes
II.B.2.1	Plant shielding design	01/01/80	Yes
II.B.3.1.	Interim post accident sampling	01/01/80	Yes
II.D.1.1	Submit SRV test program	01/01/80	Yes
II.D.3.	Valve position indication	12/15/80	Yes
II.E.4.1.1	Design dedicated hydrogen penetrations	01/01/80	Yes