



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

Report Nos. 50-321/81-18 and 50-366/81-18

Licensee: Georgia Power Company  
270 Peachtree Street  
Atlanta, GA 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: R. F. Rogers, Senior Resident Inspector

7/5/81  
Date Signed

Approved by: Paul J. Kellogg, Acting Chief, Reactor Project  
Branch 2, Division of Resident and Reactor  
Project Inspection

7/1/81  
Date Signed

#### SUMMARY

Inspection on May 21 - June 23, 1981

#### Areas Inspected

This inspection involved 92 inspector-hours on site 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, NUREG 0737 action items, and previous enforcement items.

#### Results

Of the 12 areas inspected, no apparent violations or deviations were identified.

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## DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*M. Manry, 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 June 5, and June 21, 1981 with persons indicated in paragraph 1 above.

### 3. Licensee Action on Previous Inspection Findings

#### a. Noncompliance

(Closed) (321, 366/81-01-01): Failure to Follow HP Procedures. The licensee's corrective actions have been adequate. Followup checks by the inspector have verified improvement in HP procedural compliance. This item is closed.

(Closed) (366/81-04-01): Inoperability of the Core Spray System. The applicable procedure was appropriately reused and personnel responsible adequately counselled. This item is closed.

(Closed) (366/81-04-02): Inadequate Review by the Plant Review Board (PRB). PRR members were informed of the nature of the inadequate review to prevent recurrence. This item is closed.

(Closed) (366/81-03-01): Control Rod Reed Switch Replacement Documentation. Licensee procedures (HNP-2-9600) have been revised to prevent recurrence. This item is closed.

(Closed) (366/81-03-03): Main Steam Isolation Valve Leakage Test Instrument Calibration. The licensee has obtained properly calibrated instrumentation. This item is closed.

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 (Units 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 violations 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 and 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.

<u>LER No.</u>	<u>Date of Report</u>	<u>Description</u>
50-321/81-15	3/31/81	Excessive leakage on LLRTs
50-321/81-16	3/26/81	Inboard MSIVs leakage
50-321/81-17	3/26/81	*ADS relays out of calibration
50-321/81-19	3/27/81	*LPCI relays out of calibration
50-321/81-20	4/7/81	SBLC relief valve lifted low
50-321/81-21	3/26/81, 5/28/81	*SRV clamps broken
50-321/81-22	4/9/81	Purge valves leaking

50-321/81-23	4/9/81	*RCIC turbine exhaust valve failed LLRT
50-321/81-24	4/21/81	Nitrogen and feedwater valve leakage
50-321/81-27	4/23/81	Feedwater valve leakage
50-321/81-28	4/23/81	*Fire tank water level low
50-321/81-29	4/23/81	*Non-seismic pipe supports
50-321/81-30	5/5/81	RPS MG set relay calibration
50-321/81-32	5/27/81	*RCIC and CRDs not seismic
50-321/81-33	5/21/81	*SRVs found out of calibration
50-321/81-34	4/30/81	*RWCV hanger inadequate
50-321/81-35	5/21/81	1B D/G inoperative
50-321/81-36	5/27/81	*HPCI exhaust nozzle seismicity
50-321/81-37	5/21/81	*Inadequate charcoal in filter bank
50-321/81-38	5/13/81	Drain pump discharge valves leaking
50-366/81-15	3/17/81	*IRM pin failure
50-366/81-16	3/27/81	*DISR separation on MSIV
50-366/81-17	3/26/81	*B recirc pump exciter
50-366/81-18	4/7/81	Chlorine monitor testing
50-366/81-19	4/2/81	*RCIC trip coil malfunction
50-366/81-20	4/7/81	RHR pressure switch out of calibration
50-366/81-21	4/9/81	*IRM problems (various)

50-366/81-22	3/26/81	*2C D/G fuel oil tank low
50-366/81-23	4/3/81	*Drywell pressure switches isolated
50-366/81-24	4/16/81	Failure of 24/48 volt battery charger
50-366/81-25	4/23/81	*Temporary loss of secondary containment
50-366/81-26	4/30/81	Failure of B SGBT train
50-366/81-27	4/14/81	*Nonconservative MCPR limit
50-366/81-28	5/5/81	*Battery water levels abnormal
50-366/81-29	5/5/81	*RCIC inbd steam supply valve failure
50-366/81-30	5/5/81	Valve position lights out
50-366/81-31	4/28/81	RHR switch out of calibration
50-366/81-32	5/5/81	*HPCI aux oil pump trip
50-366/81-33	4/28/81	Inoperable H2-02 recorder

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

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

The inspector has reviewed the licensee's 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.

NUREG 0737			
<u>Item No.</u>	<u>Description</u>	<u>Implemen. Date</u>	<u>Completed</u>
II.E.4.2.1-4	Implement diverse isolation	1/1/80	Yes
II.E.4.2.5.a	Specify pressure	1/1/81	Yes
II.E.4.2.6	Purge valves	1/1/81	Yes



II.E.4.2.8	Technical Specifications	12/15/80	Yes
II.K.3.13.a	HPCI and RCIC analysis	1/1/81	Yes
II.K.3.22.a	RCIC suction procedures	1/1/81	Yes
III.A.1.2	Interim TSC, OSC, and EOF	1/1/81	Yes
III.D.1.1.1	Primary coolant leak reduction	Complete	Yes
III.D.1.1.2	Technical Specifications	12/15/80	Yes
III.D.3.3.1, 2	Inplant radiation monitoring	1/1/81	Yes