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February 14, 2000

Docket Nos. 50-321
50-366

HL-5887

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Edwin I. Hatch Nuclear Plant
Monthly Operating Reports

Ladies and Gentlemen:

Enclosed are the January 2000 Monthly Operating Reports for Edwin I. Hatch Nuclear Plant Unit 1, Docket No. 50-321, and Unit 2, Docket No. 50-366. These reports are submitted in accordance with Technical Specifications 5.6.4.

Respectfully submitted,

A handwritten signature in cursive script that reads "Lewis Sumner".

H. L. Sumner, Jr.

IFL/eb

Enclosures:

1. January Monthly Operating Report for Plant Hatch Unit 1
2. January Monthly Operating Report for Plant Hatch Unit 2

cc: Southern Nuclear Operating Company
Mr. P. H. Wells, Nuclear Plant General Manager
SNC Document Management (R-Type A02.001)

U. S. Nuclear Regulatory Commission, Washington D. C.
Mr. L. N. Olshan, Project Manager - Hatch

U. S. Nuclear Regulatory Commission, Region II
Mr. L. A. Reyes, Regional Administrator
Mr. J. T. Munday, Senior Resident Inspector - Hatch

Utility Data Institute, Inc.
Ms. Barbara Lewis - McGraw-Hill Companies

IE24

Enclosure 1
Plant Hatch Unit 1
Monthly Operating Report
January 2000

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OPERATING DATA REPORT

Docket No.: 50-321
 Unit Name: E. I. Hatch Unit 1
 Date: February 3, 2000
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Operating Status

1. Reporting Period: JANUARY 2000
 2. Design Electrical Rating (Net MWe): 864.6
 3. Maximum Dependable Capacity (Net MWe): 863
 Maximum Dependable Capacity (Item 3) was changed from 838 to 863 Net MWe.
 The new value was established using operational data from 1999.

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	606.8	606.8	166,769.8
5. Hours Generator On Line:	606.8	606.8	161,078.1
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	525,222	525,222	114,525,404

CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES

Date	Tag No.	Event Description
000126	1B21-F013A 1B21-F013B 1B21-F013C 1B21-F013D 1B21-F013E 1B21-F013F 1B21-F013G 1B21-F013H 1B21-F013J 1B21-F013K 1B21-F013L	The unit experienced an automatic reactor scram due to low reactor water level when the inlet valve to the "B" 5th Stage Feedwater Heater inadvertently closed, resulting in a reduction in feedwater flow. The closure of the valve was apparently caused by a spurious signal from the valve control switch. The Reactor Core Isolation Cooling (RCIC) and High Pressure Coolant Injection (HPCI) systems automatically initiated and restored vessel level. The Main Steam Isolation Valves were closed when water level began approaching the main steam lines. Reactor pressure was then controlled using manual and automatic safety/relief valve actuation. An investigation into this event was still in progress at the end of this reporting period. (reference Licensee Event Report 00-002)

UNIT SHUTDOWNS

Docket No.: 50-321
 Unit Name: E. I. Hatch Unit 1
 Date: February 3, 2000
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: JANUARY 2000

No.	Date	Type	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
		F: Forced S: Scheduled				
00-001	000126	F	137.2	H	3	<p>An automatic scram occurred on low reactor water level. The low reactor water level occurred when the inlet valve to the "B" 5th Stage Feedwater Heater inadvertently closed, resulting in a reduction of feedwater flow. The closure of the valve was apparently caused by a spurious signal from the valve control switch.</p> <p>An investigation into the root causes and corrective actions to prevent recurrence was still in progress at the end of this reporting period. (reference Licensee Event Report 00-002)</p>

(1) Reason:

- A-Equipment Failure (Explain)
- B-Maintenance or Test
- C-Refueling
- D-Regulatory Restriction
- E-Operator Training/License Examination
- F-Administrative
- G-Operational Error (Explain)
- H-Other (Explain)

(2) METHOD

- 1-Manual
- 2-Manual Trip/Scram
- 3-Automatic Trip/Scram
- 4-Continuation
- 5-Other (Explain)

CAUSE/CORRECTIVE ACTION/COMMENTS:

NARRATIVE REPORT

Unit 1 began the month of January operating at rated thermal power. Shift reduced load to approximately 900 GMWe on 1/7/00 to perform turbine stop valve testing. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 540 GMWe on 1/9/00 to perform a control rod sequence exchange, scram time testing, turbine control valve testing, and to repair a steam leak on the "A" Moisture Separator Reheater. The unit was returned to rated thermal power later that day. The unit experienced an automatic scram due to low reactor water level on 1/26/00. (see description of event 00-001 for details). Activities associated with the forced outage continued for the remainder of the month.

Enclosure 2

Plant Hatch Unit 2
Monthly Operating Report
January 2000

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OPERATING DATA REPORT

Docket No.: 50-366
 Unit Name: E. I. Hatch Unit 2
 Date: February 3, 2000
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Operating Status

1. Reporting Period: JANUARY 2000
 2. Design Electrical Rating (Net MWe): 859
 3. Maximum Dependable Capacity (Net MWe): 860
 Maximum Dependable Capacity (Item 3) was changed from 855 to 860 Net MWe.
 The new value was established using operational data from 1999.

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	744.0	744.0	143,238.9
5. Hours Generator On Line:	744.0	744.0	139,016.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	648,500	648,500	100,358,297

CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES

Date	Tag No.	Event Description
		No challenges this month.

UNIT SHUTDOWNS

Docket No.: 50-366
 Unit Name: E. I. Hatch Unit 2
 Date: February 3, 2000
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: JANUARY 2000

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
						No unit shutdowns occurred this month.

(1) Reason:

- A-Equipment Failure (Explain)
- B-Maintenance or Test
- C-Refueling
- D-Regulatory Restriction
- E-Operator Training/License Examination
- F-Administrative
- G-Operational Error (Explain)
- H-Other (Explain)

(2) METHOD

- 1-Manual
- 2-Manual Trip/Scram
- 3-Automatic Trip/Scram
- 4-Continuation
- 5-Other (Explain)

CAUSE/CORRECTIVE ACTION/COMMENTS:

NARRATIVE REPORT

Unit 2 began the month of January operating at approximately 2708 CMWT. Shift reduced load to approximately 580 GMWe on 1/3/00 to cycle the "B" Inboard Main Steam Isolation Valve (MSIV), in an effort to correct the valve position indication. The valve did not indicate full open following testing that had been performed earlier in the day. Cycling of the valve did not correct the position indication and the "B" Inboard MSIV was closed to comply with Technical Specifications. Shift began ascension to 2708 CMWT on 1/4/00, following successful resolution of the problem with the "B" Inboard MSIV. The unit attained 2708 CMWT on 1/5/00. Shift maintained the unit at approximately 2708 CMWT for the remainder of the month.