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March 13, 2000

Docket Nos. 50-321
50-366

HL-5904

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 February 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. February Monthly Operating Report for Plant Hatch Unit 1
2. February 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
February 2000**

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OPERATING DATA REPORT

Docket No.: 50-321
 Unit Name: E. I. Hatch Unit 1
 Date: March 2, 2000
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Operating Status

1. Reporting Period: FEBRUARY 2000
 2. Design Electrical Rating (Net MWe): 864.6
 3. Maximum Dependable Capacity (Net MWe): 863

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	614.6	1,221.4	167,384.3
5. Hours Generator On Line:	573.5	1,180.3	161,651.6
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	480,154	1,005,376	115,005,558

CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES

Date	Tag No.	Event Description
		No challenges this month.

UNIT SHUTDOWNS

Docket No.: 50-321
 Unit Name: E. I. Hatch Unit 1
 Date: March 2, 2000
 Completed By: S. B. Rogers

Reporting Period: FEBRUARY 2000

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
00-001	000126	F	109.2	H	4	Investigation into the closure of the inlet valve to the "B" 5th Stage Feedwater Heater continued. The valve closed when it apparently received a close signal from its control switch. The switch action seems to have been spurious and may have (continued below)
00-002	000219	F	13.3	B	5	The Main Generator was removed from the grid to replace filters in the Stator Cooling System. The filters were replaced and the unit was returned to rated thermal power. Reactor power was maintained at approximately 15% of rated while the generator was offline.

(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:

00-001 (continued) been the result of slight jarring of the switch or the panel in which it is located. The control switch for this valve was replaced. Additionally, 97 of these type switches were inspected on Unit 1 and 50 were replaced prior to startup. The remaining suspect switches on Unit 1 and Unit 2 will be inspected and, if necessary, replaced on a schedule determined by importance to safety, importance to plant operation, unit status necessary for inspection and replacement, and parts and manpower availability. (reference Licensee Event Report 00-002)

NARRATIVE REPORT

Unit 1 began the month of February in a forced outage, due to an automatic scram that occurred on 1/26/00. Shift brought the reactor critical on 2/4/00 and tied the main generator to the grid on 2/5/00. Power ascension was terminated on 2/6/00 with the unit at approximately 2700 CMWT. Shift reduced load to approximately 720 GMWe (~2210 CMWT) on 2/6/00 to perform a rod pattern adjustment. The unit attained rated thermal power on 2/7/00. Shift began reducing load on 2/18/00 in preparation for removing the main generator from the grid to replace filters in the Stator Cooling System. The main generator was removed from the grid on 2/19/00 and returned to the grid later the same day. The unit attained rated thermal power on 2/20/00. Shift reduced load to approximately 725 GMWe (~2210 CMWT) on 2/20/00 to perform a rod pattern adjustment. Shift returned the unit to rated thermal power on 2/21/00. Shift maintained the unit at rated thermal power for the remainder of the month.

Enclosure 2

**Plant Hatch Unit 2
Monthly Operating Report
February 2000**

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OPERATING DATA REPORT

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

Operating Status

1. Reporting Period: FEBRUARY 2000
 2. Design Electrical Rating (Net MWe): 859
 3. Maximum Dependable Capacity (Net MWe): 860

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	696.0	1,440.0	143,934.9
5. Hours Generator On Line:	696.0	1,440.0	139,712.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	612,806	1,261,306	100,971,103

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: March 2, 2000
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: FEBRUARY 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 February operating at approximately 2708 CMWT. Shift reduced load to approximately 745 GMWe (~2200 CMWT) on 2/12/00 to perform a rod pattern adjustment. The unit was returned to approximately 2708 CMWT on 2/13/00. Shift reduced load to approximately 730 GMWe (~2155 CMWT) on 2/26/00 to perform a rod pattern adjustment. The unit was returned to 2708 CMWT on 2/27/00 and was maintained at approximately the same power level for the remainder of the month.