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February 10, 2003

Docket Nos. 50-321
50-366

NL-03-0361

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 2003 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 "H. L. Sumner, Jr.".

H. L. Sumner, Jr.

HLS/il

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. J. D. Woodard, Executive Vice President
Mr. P. H. Wells, General Manager – Plant Hatch
Document Services RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Mr. L. N. Olshan, NRR Project Manager – Hatch
Mr. N. P. Garrett, Acting 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 2003

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OPERATING DATA REPORT

Docket No : 50-321
 Unit Name: E. I. Hatch Unit 1
 Date: February 3, 2003
 Completed By: S. B. Rogers
 Telephone: (912) 366-2000 x2279

Operating Status

1. Reporting Period: JANUARY 2003
 2. Design Electrical Rating (Net MWe): 870
 3. Maximum Dependable Capacity (Net MWe): 856

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical	744.0	744.0	191,162.3
5. Hours Generator On Line.	744.0	744.0	185,216.7
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated	651,077	651,077	135,182,325

CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES

Date (YYMMDD)	Tag No	Event Description
		No challenges this month

UNIT SHUTDOWNS

Docket No.: 50-321
 Unit Name: E. I. Hatch Unit 1
 Date: February 3, 2003
 Completed By: S. B. Rogers
 Telephone: (912) 366-2000 x2279

Reporting Period: JANUARY 2003

No	Date (YYMMDD)	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 1 began the month of January operating at rated thermal power. Shift reduced load to approximately 895 GMWe (~2740 CMWT) on January 1 due to the loss of the Process Computer. Shift returned the unit to rated thermal power later the same day. Shift reduced load to approximately 870 GMWe (~2625 CMWT) on January 4 to perform control rod drive exercises. The unit was returned to rated thermal power on January 5. Shift reduced load to approximately 870 GMWe (~2650 CMWT) on January 11 to perform control rod drive exercises and main turbine stop valve testing. The unit was returned to rated thermal power on January 12. Shift reduced load to approximately 870 GMWe (~2645 CMWT) on January 18 to perform control rod drive exercises. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 830 GMWe (~2540 CMWT) on January 25 to perform control rod drive exercises. Shift further reduced load to approximately 800 GMWe (~2430 CMWT) on January 26 and performed a rod pattern adjustment. Shift increased power to approximately 99.3% of rated thermal later the same day. The power ascension was stopped while the Process Computer was removed from service to facilitate the transfer of the Security power supply to the inverter. Shift returned the unit to rated thermal power later on January 26. Shift reduced load to approximately 880 GMWe (~2680 CMWT) on January 30 due to the loss of the Process Computer. Shift returned the unit to rated thermal power on January 31 and maintained the unit at rated conditions for the remainder of the month.

Enclosure 2

Plant Hatch Unit 2
Monthly Operating Report
January 2003

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OPERATING DATA REPORT

Docket No.: 50-366
 Unit Name: E. I. Hatch Unit 2
 Date: February 3, 2003
 Completed By: S. B. Rogers
 Telephone: (912) 366-2000 x2279

Operating Status

1. Reporting Period: JANUARY 2003
 2. Design Electrical Rating (Net MWe): 894
 3. Maximum Dependable Capacity (Net MWe): 870

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical.	<u>744.0</u>	<u>744.0</u>	<u>167,411.2</u>
5. Hours Generator On Line:	<u>744.0</u>	<u>744.0</u>	<u>163,063.9</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0 0</u>	<u>0 0</u>
7. Net Electrical Energy Generated:	<u>655,006</u>	<u>655,006</u>	<u>121,272,908</u>

CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES

Date (YYMMDD)	Tag No.	Event Description
		No challenges this month.

UNIT SHUTDOWNS

Docket No : 50-366
 Unit Name: E. I. Hatch Unit 2
 Date: February 3, 2003
 Completed By: S. B Rogers
 Telephone: (912) 366-2000 x2279

Reporting Period: JANUARY 2003

No.	Date (YYMMDD)	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 rated thermal power. Shift reduced load to approximately 880 GMWe (~2640 CMWT) on January 5 to perform control rod drive exercises. Shift increased power to approximately 98% of rated thermal on January 6 and performed main turbine stop valve testing. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 560 GMWe (~1795 CMWT) on January 10 to perform a rod pattern adjustment, control rod drive exercises, and maintenance in the Condenser Bay. The unit was returned to rated thermal power on January 11. Shift reduced load to approximately 885 GMWe (~2640 CMWT) on January 19 to perform control rod drive exercises and a rod pattern adjustment. The unit was returned to rated thermal power on January 20. Shift reduced load to approximately 845 GMWe (~2540 CMWT) on January 26 to perform control rod drive exercises and a rod pattern adjustment. Maintenance activities were also performed in the Condenser Bay while at reduced load. The unit was returned to rated thermal power on January 27. Shift maintained unit operation at rated thermal power for the remainder of the month.