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July 10, 2003

Docket Nos.: 50-321  
50-366

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555-0001

Edwin I. Hatch Nuclear Plant  
Monthly Operating Reports

Ladies and Gentlemen:

Enclosed are the June 2003 Monthly Operating Reports as required by Section 5.6.4 of the Technical Specifications.

If you have any questions, please advise.

Sincerely,

A handwritten signature in cursive script that reads "H. L. Sumner, Jr.".

H. L. Sumner, Jr.

HLS/IL/daj

Enclosures: E1 – HNP Unit 1 Monthly Operating Report  
E2 – HNP Unit 2 Monthly Operating Report

cc: Southern Nuclear Operating Company  
Mr. J. D. Woodard, Executive Vice President  
Mr. G. R. Frederick, General Manager – Plant Hatch  
Document Services RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission  
Mr. L. A. Reyes, Regional Administrator  
Mr. S. D. Bloom, NRR Project Manager – Hatch  
Mr. D. S. Simpkins, Senior Resident Inspector – Hatch

IE24

**Enclosure 1**  
**Plant Hatch Unit 1**  
**Monthly Operating Report**  
**June 2003**

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## OPERATING DATA REPORT

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

### Operating Status

1. Reporting Period: JUNE 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:	720.0	4,037.5	194,455.8
5. Hours Generator On Line:	720.0	4,021.0	188,493.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	620,691	3,399,099	137,930,347

### 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: July 1, 2003  
 Completed By: S. B. Rogers  
 Telephone: (912) 366-2000 x2279

Reporting Period: JUNE 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 June operating at rated thermal power. Shift reduced load to approximately 875 GMWe (~2748 CMWT) on June 13 after the "A" Reactor Feed Pump Minimum Flow Valve failed partially open. The minimum flow line was isolated and the unit was returned to rated thermal power later that day. Shift reduced load to approximately 820 GMWe (~2540 CMWT) on June 14 to perform control rod drive exercises. The unit was returned to rated thermal power on June 15. Shift reduced load to approximately 890 GMWe (~2705 CMWT) on June 22 to perform main turbine valve testing. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 805 GMWe (~2430 CMWT) on June 23 when power was momentarily lost to the fans on the Helper Cooling Tower, due to a faulted transformer, and main condenser vacuum began to degrade. The fans cycled back on as designed, and the unit was returned to rated thermal power later the same day. Shift maintained unit operation at rated thermal power for the remainder of the month.

**Enclosure 2**

**Plant Hatch Unit 2  
Monthly Operating Report  
June 2003**

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## OPERATING DATA REPORT

Docket No.: 50-366  
 Unit Name: E. I. Hatch Unit 2  
 Date: July 1, 2003  
 Completed By: S. B. Rogers  
 Telephone: (912) 366-2000 x2279

### Operating Status

1. Reporting Period: JUNE 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>720.0</u>	<u>3,676.7</u>	<u>170,343.9</u>
5. Hours Generator On Line:	<u>714.2</u>	<u>3,635.6</u>	<u>165,955.5</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>605,525</u>	<u>3,115,995</u>	<u>123,733,897</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: July 1, 2003  
 Completed By: S. B. Rogers  
 Telephone: (912) 366-2000 x2279

Reporting Period: JUNE 2003

No.	Date (YYMMDD)	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
03-003	030621	F	5.8	A	5	<p>The main generator was removed from the grid to repair a leak on a filter in the Stator Cooling Water System.</p> <p>The leak was repaired and the main generator was re-tied to the grid</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 2 began the month of June operating at rated thermal power. Shift reduced load to approximately 550 GMWe (~1795 CMWT) on June 13 to perform a control rod sequence exchange, scram time testing, control rod drive exercises, and main turbine valve testing. Inspection and maintenance activities were also performed in the condenser bay while at reduced load. The unit was returned to rated thermal power on June 14. Shift reduced reactor power to approximately 22% of rated thermal on June 21 and removed the main generator from the grid to facilitate the repair of a leak on a filter in the Stator Cooling Water System. Shift re-tied the main generator to the grid on June 21 and returned the unit to rated thermal power on June 22. Shift reduced load to approximately 855 GMWe (~2625 CMWT) on June 23 for a rod pattern adjustment. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 815 GMWe (~2430 CMWT) on June 23 when power was momentarily lost to the fans on the Helper Cooling Tower, due to a faulted transformer, and main condenser vacuum began to degrade. The fans cycled back on as designed, and the unit was returned to rated thermal power later the same day. Shift maintained unit operation at rated thermal power for the remainder of the month.