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October 7, 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 September 2003 Monthly Operating Reports as required by Section 5.6.4 of the Technical Specifications.

If you have any questions, please advise.

Sincerely,



H. L. Sumner, Jr.

HLS/IFL/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  
September 2003**

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## OPERATING DATA REPORT

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

### Operating Status

1. Reporting Period: SEPTEMBER 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:	<u>720.0</u>	<u>6,245.5</u>	<u>196,663.8</u>
5. Hours Generator On Line:	<u>720.0</u>	<u>6,229.0</u>	<u>190,701.8</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>618,629</u>	<u>5,289,807</u>	<u>139,821,055</u>

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

Reporting Period: SEPTEMBER 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 September operating at rated thermal power. Shift reduced load to approximately 870 GMWe (~2650 CMWT) on September 6 to perform control rod drive exercises. The unit was returned to rated thermal power later the same day. The unit experienced a closure of the #4 Combined Intermediate Valve (CIV) on September 8, resulting in a decrease of main generator output from ~890 GMWe to ~875 GMWe. Shift reduced power to approximately 95% of rated thermal while investigating the cause of the CIV closure. The #4 CIV re-opened a short time later. Shift returned the unit to rated thermal power on September 9 while monitoring the #4 CIV. Shift reduced load to approximately 865 GMWe (~2700 CMWT) on September 20 to perform main turbine valve testing. The unit was returned to rated thermal power later that day. Shift maintained unit operation at rated thermal power for the remainder of the month.

Enclosure 2

Plant Hatch Unit 2  
Monthly Operating Report  
September 2003

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## OPERATING DATA REPORT

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

### Operating Status

1. Reporting Period: SEPTEMBER 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>5,884.7</u>	<u>172,551.9</u>
5. Hours Generator On Line:	<u>720.0</u>	<u>5,843.6</u>	<u>168,163.5</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>622,050</u>	<u>5,016,132</u>	<u>125,634,034</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: October 1, 2003  
Completed By: S. B. Rogers  
Telephone: (912) 366-2000 x2279

Reporting Period: SEPTEMBER 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 September operating at rated thermal power. Shift reduced load to approximately 845 GMWe (~2625 CMWT) on September 14 to perform a rod pattern adjustment and main turbine valve testing. The unit was returned to rated thermal power on September 15. Shift reduced load to approximately 860 GMWe (~2650 CMWT) on September 28 to perform control rod drive exercises. 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.