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August 7, 2003

Docket Nos.: 50-321
50-366

NL-03-1653

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 July 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 "Lewis Sumner".

H. L. Sumner, Jr.

HLS/IL

Enclosures: E1 – HNP Unit 1 Monthly Operating Report for July 2003
E2 – HNP Unit 2 Monthly Operating Report for July 2003

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

JE24

Enclosure 1
Plant Hatch Unit 1
Monthly Operating Report
July 2003

Table of Contents

	<u>Page</u>
Operating Data Report	E1-1
Unit Shutdowns and Power Reductions	E1-2

OPERATING DATA REPORT

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

Operating Status

1. Reporting Period:	<u>JULY 2003</u>		
2. Design Electrical Rating (Net MWe):	<u>870</u>		
3. Maximum Dependable Capacity (Net MWe):	<u>856</u>		
	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	<u>744.0</u>	<u>4,781.5</u>	<u>195,199.8</u>
5. Hours Generator On Line:	<u>744.0</u>	<u>4,765.0</u>	<u>189,237.8</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>639,447</u>	<u>4,038,546</u>	<u>138,569,794</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: August 1, 2003
 Completed By: S. B. Rogers
 Telephone: (912) 366-2000 x2279

Reporting Period: JULY 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 July operating at rated thermal power. Shift reduced load to approximately 805 GMWe (~2540 CMWT) on July 12 to perform control rod drive exercises and a rod pattern adjustment. The unit was returned to rated thermal power on July 13. Shift reduced load to approximately 865 GMWe (~2690 CMWT) on July 19 to perform main turbine valve testing. 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
July 2003**

Table of Contents

	<u>Page</u>
Operating Data Report	E2-1
Unit Shutdowns and Power Reductions	E2-2

OPERATING DATA REPORT

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

Operating Status

1. Reporting Period:	<u>JULY 2003</u>		
2. Design Electrical Rating (Net MWe):	<u>894</u>		
3. Maximum Dependable Capacity (Net MWe):	<u>870</u>		
	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	<u>744.0</u>	<u>4,420.7</u>	<u>171,087.9</u>
5. Hours Generator On Line:	<u>744.0</u>	<u>4,379.6</u>	<u>166,699.5</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>637,534</u>	<u>3,753,529</u>	<u>124,371,431</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: August 1, 2003
 Completed By: S. B. Rogers
 Telephone: (912) 366-2000 x2279

Reporting Period: JULY 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 July operating at rated thermal power. Shift reduced load to approximately 830 GMWe (~2540 CMWT) on July 6 to perform control rod drive exercises. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 875 GMWe (~2690 CMWT) on July 21 to perform main turbine valve testing. The unit was returned to rated thermal power later that day. The unit experienced a trip of the "A" Condensate Pump on July 22. Shift immediately began reducing load to approximately 785 GMWe (~2385 CMWT) to maintain unit operation with only two condensate pumps in service. Investigation revealed the trip resulted from an electrical ground in the pump motor. Shift began a slow power ascension later the same day, and the unit attained approximately 92.5% of rated thermal power on July 23. Shift maintained the unit at approximately this power level while the condensate pump was out of service for a motor replacement. Shift returned the "A" Condensate Pump to service on July 25 and began power ascension. The unit was returned to rated thermal power on July 26. Shift maintained unit operation at rated thermal power for the remainder of the month.