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September 9, 2002

Docket Nos. 50-321  
50-366

HL-6293

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 August 2002 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. August Monthly Operating Report for Plant Hatch Unit 1
2. August 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  
August 2002

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## OPERATING DATA REPORT

Docket No.: 50-321  
 Unit Name: E. I. Hatch Unit 1  
 Date: September 3, 2002  
 Completed By: S. B. Rogers  
 Telephone: (912) 366-2000 x2279

### Operating Status

1. Reporting Period: AUGUST 2002  
 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	5,057.8	187,572.2
5. Hours Generator On Line:	744.0	4,967.6	181,661.2
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	639,381	4,215,983	132,120,120

### 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: September 3, 2002  
 Completed By: S. B. Rogers  
 Telephone: (912) 366-2000 x2279

Reporting Period: AUGUST 2002

No.	Date	Type		Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
		F Forced	S Scheduled				
							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 August operating at rated thermal power. Shift reduced load to approximately 860 GMWe (~2650 CMWT) on 8/3/02 to perform control rod drive exercises. Shift then increased power to approximately 98% of rated thermal and performed turbine stop valve testing. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 815 GMWe (~2530 CMWT) on 8/10/02 to perform control rod drive exercises. The unit was returned to rated thermal power on 8/11/02. Shift reduced load to approximately 850 GMWe (~2650 CMWT) on 8/17/02 to perform control rod drive exercises. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 845 GMWe (~2645 CMWT) on 8/24/02 to perform control rod drive exercises. The unit was returned to rated thermal power on 8/25/02. Shift reduced load to approximately 850 GMWe (~2650 CMWT) on 8/31/02 to perform control rod drive exercises and main turbine valve testing. Shift began ascension to rated thermal power later the same day. The unit was operating at approximately 96% of rated thermal power, with the power ascension still in progress, at the end of this reporting period.

Enclosure 2  
Plant Hatch Unit 2  
Monthly Operating Report  
August 2002

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## OPERATING DATA REPORT

Docket No.: 50-366  
 Unit Name: E. I. Hatch Unit 2  
 Date: September 3, 2002  
 Completed By: S. B. Rogers  
 Telephone: (912) 366-2000 x2279

### Operating Status

1. Reporting Period: AUGUST 2002  
 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>5,635.6</u>	<u>163,738.2</u>
5. Hours Generator On Line:	<u>744.0</u>	<u>5,615.8</u>	<u>159,390.9</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>646,579</u>	<u>4,888,255</u>	<u>118,082,871</u>

### 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: September 3, 2002  
 Completed By: S. B. Rogers  
 Telephone: (912) 366-2000 x2279

Reporting Period: AUGUST 2002

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 August operating at rated thermal power. Shift reduced load to approximately 875 GMWe (~2645 CMWT) on 8/4/02 to perform control rod drive exercises. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 870 GMWe (~2645 CMWT) on 8/11/02 to perform control rod drive exercises. The unit was returned to rated thermal power on 8/12/02. Shift reduced load to approximately 830 GMWe (~2540 CMWT) on 8/18/02 to perform control rod drive exercises. Shift increased power to approximately 98% of rated thermal on 8/19/02 and performed turbine stop valve testing. The unit was returned to rated thermal power later on 8/19/02. Shift reduced load to approximately 870 GMWe (~2650 CMWT) on 8/25/02 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.