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September 10, 2001

Docket Nos. 50-321  
50-366

HL-6128

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 2001 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

JE24

Enclosure 1

Plant Hatch Unit 1  
Monthly Operating Report  
August 2001

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## OPERATING DATA REPORT

Docket No.: 50-321  
 Unit Name: E. I. Hatch Unit 1  
 Date: September 4, 2001  
 Completed By: R. M. Beard  
 Telephone: (912) 367-7781 x2878

### Operating Status

1. Reporting Period: AUGUST 2001  
 2. Design Electrical Rating (Net MWe): 864.6  
 3. Maximum Dependable Capacity (Net MWe): 863

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	744.0	5,780.1	179,585.4
5. Hours Generator On Line:	744.0	5,760.5	173,764.6
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	640,140	4,951,476	125,359,439

### **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 4, 2001  
 Completed By: R. M. Beard  
 Telephone: (912) 367-7781 x2878

**Reporting Period:** AUGUST 2001

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 1 operated at rated thermal power for most of the month of August. The only exception was when Shift reduced load to approximately 880 GMWe (~2690 CMWT) on 8/24/01 to perform turbine stop valve testing. The unit was returned to rated thermal power later the same day.

Enclosure 2

Plant Hatch Unit 2  
Monthly Operating Report  
August 2001

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## OPERATING DATA REPORT

Docket No.: 50-366  
 Unit Name: E. I. Hatch Unit 2  
 Date: September 4, 2001  
 Completed By: R. M. Beard  
 Telephone: (912) 367-7781 x2878

### Operating Status

1. Reporting Period: AUGUST 2001  
 2. Design Electrical Rating (Net MWe): 859  
 3. Maximum Dependable Capacity (Net MWe): 878

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	744.0	5,831.0	156,262.8
5. Hours Generator On Line:	744.0	5,831.0	151,987.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	647,364	5,092,570	111,702,652

### **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 4, 2001  
 Completed By: R. M. Beard  
 Telephone: (912) 367-7781 x2878

**Reporting Period:** AUGUST 2001

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 895 GMWe (~2700 CMWT) on 8/18/01 to perform turbine stop valve testing. The unit was returned to rated thermal power on 8/19/01. The unit entered End-of-Cycle Coastdown on 8/27/01. Shift maintained unit operation at maximum achievable thermal power with End-of-Cycle Coastdown in progress for the remainder of the month. The unit was operating at approximately 890 GMWe (~2706 CMWT) at the close of the month.