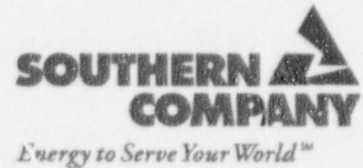


**Lewis Sumner**  
Vice President  
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January 12, 1999

Docket Nos. 50-321  
50-366

HL-5726

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 December 1998 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,

H. L. Sumner, Jr.

IFL/eb

Enclosures:

1. December Monthly Operating Report for Plant Hatch Unit 1
2. December 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

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Enclosure i

Plant Hatch Unit 1  
Monthly Operating Report  
December 1998

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Unit Shutdowns and Power Reductions	E1-2

## OPERATING DATA REPORT

Docket No.: 50-321  
Unit Name: E. I. Hatch Unit 1  
Date: 1/4/99  
Completed By: R. M. Beard  
Telephone: (912) 367-7781 x2878

### Operating Status

1. Reporting Period: DECEMBER 1998  
2. Design Electrical Rating (Net MWe): 822.1  
3. Maximum Dependable Capacity (Net MWe): 800

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	<u>744.0</u>	<u>8,760.0</u>	<u>158,740.2</u>
5. Hours Generator On Line:	<u>744.0</u>	<u>8,751.8</u>	<u>153,317.6</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>596,196</u>	<u>6,951,752</u>	<u>108,044,157</u>

### 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: 1/4/99  
 Completed By: R. M. Beard  
 Telephone: (912) 367-7781 x2878

Reporting Period: DECEMBER 1998

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 operated at rated thermal power for most of the month of December. The only load reduction occurred on December 20th when shift reduced load to perform a Control Rod Pattern Adjustment.

Enclosure 2

Plant Hatch Unit 2  
Monthly Operating Report  
December 1998

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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: 1/4/99  
Completed By: R. M. Beard  
Telephone: (912) 367-7781 x2878

### Operating Status

1. Reporting Period: DECEMBER 1998  
2. Design Electrical Rating (Net MWe): 859  
3. Maximum Dependable Capacity (Net MWe): 855

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	744.0	7,302.8	134,146.9
5. Hours Generator On Line:	744.0	7,247.2	130,099.0
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	657,817	5,823,426	92,636,172

### 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: 1/4/99  
 Completed By: R. M. Beard  
 Telephone: (912) 367-7781 x2878

Reporting Period: DECEMBER 1998

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 2 began the month of December operating at reduced load while the "C" Cooling Tower was out of service to facilitate removal of damaged fill material. The tower was returned to service December 1st and the unit returned to operation at 2686 CMWt. Shift personnel reentered the Extended Power Uprate Test Procedure on December 2nd and increased unit thermal power to 2708 CMWt. Shift briefly reduced load on December 5th to perform Turbine Stop Valve and Combined Intermediate Valve Testing. The next load reduction occurred on December 8th when an air line leak caused the low level control valve for the 8th Stage "B" Feedwater Heater to fail closed resulting in a heater level transient in several feedwater heaters. The air line leak was repaired, proper operation of feedwater heater level restored and the unit returned to operation at 2708 CMWt within a couple of hours. Shift briefly reduced load on the 19th and 26th of December to ensure thermal limit margins while performing Control Rod Drive Exercises and on 23rd to backwash and precoat the "D" Condensate Demineralizer Vessel. Otherwise, operation was maintained at 2708 CMWt for the month of December.