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December 8, 1999

Docket Nos. 50-321  
50-366

HL-5870

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 November 1999 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. November Monthly Operating Report for Plant Hatch Unit 1
2. November 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 1**  
**Plant Hatch Unit 1**  
**Monthly Operating Report**  
**November 1999**

**Table of Contents**

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

## OPERATING DATA REPORT

Docket No.: 50-321  
 Unit Name: E. I. Hatch Unit 1  
 Date: 12/01/99  
 Completed By: R. M. Beard  
 Telephone: (912) 367-7781 x2878

### Operating Status

1. Reporting Period: NOVEMBER 1999  
 2. Design Electrical Rating (Net MWe): 864.6  
 3. Maximum Dependable Capacity (Net MWe): 838

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	720.0	6,678.7	165,419.0
5. Hours Generator On Line:	720.0	6,409.7	159,727.3
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	630,187	5,308,341	113,352,498

### **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: 12/01/99  
 Completed By: R. M. Beard  
 Telephone: (912) 367-7781 x2878

Reporting Period: NOVEMBER 1999

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 began the month of November operating at rated thermal power. Shift reduced load to approximately 900 GMWe on 11/5/99 to perform turbine stop valve testing. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 870 GMWe on 11/21/99 when power was lost to the fans on the Helper Cooling Tower, due to a fault on an underground power cable, and Main Condenser vacuum began to degrade. Power was restored to the Helper Cooling Tower and the unit returned to rated thermal power on 11/21/99. Shift maintained rated thermal power for the remainder of the month.

**Enclosure 2**

**Plant Hatch Unit 2  
Monthly Operating Report  
November 1999**

**Table of Contents**

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

## OPERATING DATA REPORT

Docket No.: 50-366  
 Unit Name: E. I. Hatch Unit 2  
 Date: 12/01/99  
 Completed By: R. M. Beard  
 Telephone: (912) 367-7781 x2878

### Operating Status

1. Reporting Period: NOVEMBER 1999  
 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:	720.0	7,604.0	141,750.9
5. Hours Generator On Line:	720.0	7,429.8	137,528.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	634,920	6,418,359	99,054,531

### **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: 12/01/99  
 Completed By: R. M. Beard  
 Telephone: (912) 367-7781 x2878

Reporting Period: NOVEMBER 1999

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 November operating at approximately 2708 CMWT. Shift reduced load to approximately 855 GMWe on 11/21/99 when power was lost to the fans on the Helper Cooling Tower, due to a fault on an underground power cable, and Main Condenser vacuum began to degrade. Power was restored to the Helper Cooling Tower and the unit returned to approximately 2708 CMWT on 11/21/99. Shift maintained the unit at approximately 2708 CMWT for the remainder of the month.