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**April 5, 2000**

**Docket Nos. 50-321  
50-366**

**HL-5921**

**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 March 2000 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. March Monthly Operating Report for Plant Hatch Unit 1**
- 2. March 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**

Handwritten initials "TE24" in a stylized, cursive script.

**Enclosure 1**

**Plant Hatch Unit 1  
Monthly Operating Report  
March 2000**

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## OPERATING DATA REPORT

Docket No.: 50-321  
Unit Name: E. I. Hatch Unit 1  
Date: April 3, 2000  
Completed By: S. B. Rogers  
Telephone: (912) 367-7781 x2878

### Operating Status

1. Reporting Period: MARCH 2000  
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	1,965.4	168,128.3
5. Hours Generator On Line:	744.0	1,924.3	162,395.6
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	652,980	1,658,356	115,658,538

### 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: April 3, 2000  
 Completed By: S. B. Rogers  
 Telephone: (912) 367-7781 x2878

Reporting Period: MARCH 2000

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 March. The only exception was when Shift reduced load to approximately 890 GMWe (~2700 CMWT) on 3/10/00 to perform turbine stop valve testing. The unit was returned to rated thermal power on 3/11/00.

**Enclosure 2**

**Plant Hatch Unit 2  
Monthly Operating Report  
March 2000**

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## OPERATING DATA REPORT

Docket No.: 50-366  
Unit Name: E. I. Hatch Unit 2  
Date: April 3, 2000  
Completed By: S. B. Rogers  
Telephone: (912) 367-7781 x2878

### Operating Status

1. Reporting Period: MARCH 2000  
2. Design Electrical Rating (Net MWe): 859  
3. Maximum Dependable Capacity (Net MWe): 860

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	72.1	1,512.1	144,007.0
5. Hours Generator On Line:	72.1	1,512.1	139,784.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	51,818	1,313,124	101,022,921

### 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: April 3, 2000  
 Completed By: S. B. Rogers  
 Telephone: (912) 367-7781 x2878

Reporting Period: MARCH 2000

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
00-001	000304	S	671.9	C	2	The unit entered the 15th Refueling Outage when Shift manually tripped the Main Turbine and inserted a manual scram.

**(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 March operating at approximately 2708 CMWT. Shift increased reactor power to approximately 2763 CMWT (~935 GMWe) on 3/2/00 for extended power uprate testing. The unit was returned to approximately 2708 CMWT (~915 GMWe) later the same day. Shift began reducing load on 3/3/00 in preparation for a unit shutdown. The unit entered the 15th Refueling Outage on 3/4/00 when Shift manually tripped the Main Turbine and inserted a manual scram. Shift began unloading a predetermined number of fuel bundles on 3/9/00 to facilitate in-vessel work and inspection. The initial fuel movements were completed on 3/10/00. Shift began fuel shuffle on 3/19/00 and the shuffle was completed on 3/23/00. Activities associated with the 15th Refueling Outage continued for the remainder of the month.