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June 9, 2000

Docket Nos. 50-321  
50-366

HL-5949

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 May 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 black ink, appearing to read "H. L. Sumner, Jr.", written in a cursive style.

H. L. Sumner, Jr.

IFL/eb

Enclosures:

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

NPR-063

IE24

**Enclosure 1**

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

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## OPERATING DATA REPORT

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

### Operating Status

1. Reporting Period: MAY 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	3,428.4	169,591.3
5. Hours Generator On Line:	744.0	3,387.3	163,858.6
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	645,876	2,932,302	116,932,484

### 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: June 1, 2000  
 Completed By: S. B. Rogers  
 Telephone: (912) 367-7781 x2878

Reporting Period: MAY 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 May. The only exception was when Shift reduced load to approximately 885 GMWe (~2705 CMWT) on 5/6/00 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  
May 2000**

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## OPERATING DATA REPORT

Docket No.: 50-366  
Unit Name: E. I. Hatch Unit 2  
Date: June 1, 2000  
Completed By: S. B. Rogers  
Telephone: (912) 367-7781 x2878

### Operating Status

1. Reporting Period: MAY 2000  
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	2,800.0	145,294.8
5. Hours Generator On Line:	744.0	2,747.1	141,019.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	662,172	2,347,208	102,057,005

### 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: June 1, 2000  
 Completed By: S. B. Rogers  
 Telephone: (912) 367-7781 x2878

Reporting Period: MAY 2000

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 May at approximately 880 GMWe (~2490 CMWT) with ascension to rated thermal power in progress following the rod pattern adjustment that was performed on 4/30/00. The unit attained rated thermal power on 5/1/00. Shift reduced load to approximately 870 GMWe (~2485) later on 5/1/00 to perform a rod pattern adjustment. Shift returned the unit to rated thermal power on 5/2/00. Shift reduced load to approximately 895 GMWe (~2685 CMWT) on 5/28/00 to perform turbine stop valve testing. Shift further reduced load to approximately 855 GMWe (~2560 CMWT) on 5/28/00 to perform control rod drive exercises on selected rod drives. The unit was returned to rated thermal power later the same day. Shift maintained the unit at rated thermal power for the remainder of the month.