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September 11, 2000

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

HL-5984

**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 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.

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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**

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Enclosure 1

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

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OPERATING DATA REPORT

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

Operating Status

1. Reporting Period: AUGUST 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:	<u>744.0</u>	<u>5,557.1</u>	<u>171,720.0</u>
5. Hours Generator On Line:	<u>744.0</u>	<u>5,499.0</u>	<u>165,970.3</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>642,775</u>	<u>4,736,744</u>	<u>118,736,926</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: September 1, 2000
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: AUGUST 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 1 operated at rated thermal power for most of the month of August. The only exception was when Shift reduced load to approximately 885 GMWe (~2700 CMWT) on 8/26/00 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
August 2000**

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Unit Shutdowns and Power Reductions	E2-2

OPERATING DATA REPORT

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

Operating Status

1. Reporting Period: AUGUST 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	5,008.0	147,502.8
5. Hours Generator On Line:	744.0	4,955.1	143,227.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	657,508	4,298,049	104,007,846

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

Reporting Period: AUGUST 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 operated at rated thermal power for most of the month of August. The only exception was when Shift reduced load to approximately 895 GMWe (~2700 CMWT) on 8/20/00 to perform turbine stop valve testing. The unit was returned to rated thermal power later the same day.