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October 6, 2000

Docket Nos. 50-321  
50-366

HL-6005

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

IE24

**Enclosure 1**

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

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## OPERATING DATA REPORT

Docket No.: 50-321  
 Unit Name: E. I. Hatch Unit 1  
 Date: October 2, 2000  
 Completed By: S. B. Rogers  
 Telephone: (912) 367-7781 x2878

### Operating Status

1. Reporting Period: SEPTEMBER 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:	686.0	6,243.0	172,406.0
5. Hours Generator On Line:	686.0	6,184.9	166,656.2
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	579,667	5,316,411	119,316,593

### 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: October 2, 2000  
 Completed By: S. B. Rogers  
 Telephone: (912) 367-7781 x2878

Reporting Period: SEPTEMBER 2000

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
00-004	000929	F	9.0	A	2	Shift inserted a manual scram following a loss of feedwater that occurred when the in-service "1A" Reactor Feed Pump tripped on low suction pressure. A unit shutdown, to start the 19th Refueling Outage, was in progress with the unit at approximately 55% of rated thermal power when the feed pump tripped. The High Pressure Coolant Injection System and Reactor Core Isolation Cooling System automatically initiated and injected into the vessel to restore reactor water level. (continued below)
00-005	000929	S	25.0	C	2	The unit entered the 19th Refueling Outage.

**(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:**

00-004 (cont.) The apparent cause of the low suction pressure trip was the introduction of air into the condensate system, through the closed pump suction valve, while performing an equipment clearance on the "1A" Condensate Pump. An investigation into the root causes of this event and corrective actions to prevent recurrence was still underway at the end of this reporting period. (reference Licensee Event Report 00-011)

**NARRATIVE REPORT**

Unit 1 began the month of September operating at rated thermal power. The unit entered End-of-Cycle Coastdown on 9/7/00. Shift reduced load to approximately 855 GWe (~2585 CMWT) on 9/15/00 to remove the "A" 5th Stage Feedwater Heater from service for Final Feedwater Temperature Reduction. The unit was returned to maximum achievable thermal power later the same day. Shift began reducing load on 9/29/00 for a unit shutdown to start the 19th Refueling Outage. Shift inserted a manual scram on 9/29/00 with the unit at approximately 55% of rated thermal power, (see description of event 00-004 for details). Shift proceeded to Cold Shutdown, following the scram, to facilitate the 19th Refueling Outage, which was scheduled to began later the same day. Activities associated with the 19th Refueling Outage continued for the remainder of the month.

**Enclosure 2**

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

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## OPERATING DATA REPORT

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

### Operating Status

1. Reporting Period: SEPTEMBER 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:	720.0	5,728.0	148,222.8
5. Hours Generator On Line:	720.0	5,675.1	143,947.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	635,296	4,933,345	104,643,142

### **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: October 2, 2000  
 Completed By: S. B. Rogers  
 Telephone: (912) 367-7781 x2878

Reporting Period: SEPTEMBER 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 September operating at rated thermal power. Shift reduced load to approximately 905 GMWe (~2708 CMWT) on 9/16/00 to perform turbine stop valve testing. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 675 GMWe (~2070 CMWT) on 9/17/00 to perform a control rod sequence exchange, scram time testing, turbine control valve testing, and inspection and maintenance activities in the condenser bay. The unit was returned to rated thermal power later the same day. Shift maintained operation at rated thermal power for the remainder of the month.