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September 4, 1998

Docket Nos. 50-321  
50-366

HL-5675

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555

Edwin I. Hatch Nuclear Plant  
Monthly Operating Reports

Gentlemen:

Enclosed are the August 1998 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.

Sincerely,

H. L. Sumner, Jr.

IFL/eb

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 1998**

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## OPERATING DATA REPORT

Docket No.: 50-321  
Unit Name: E. I. Hatch Unit 1  
Date: September 1, 1998  
Completed By: S. B. Rogers  
Telephone: (912) 367-7781 x2878

### Operating Status

1. Reporting Period: AUGUST 1998  
2. Design Electrical Rating (Net MWe): 822.1  
3. Maximum Dependable Capacity (Net MWe): 800

	This Month	Year To Date	Cumulative
4. Number of Hours Reactor Was Critical:	744.0	5,831.0	155,811.2
5. Hours Generator On Line:	744.0	5,831.0	150,396.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	584,632	4,635,413	105,727,818

### 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, 1998  
 Completed By: S. B. Rogers  
 Telephone: (912) 367-7781 x2878

**Reporting Period:** AUGUST 1998

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 August. Shift reduced load to approximately 595 GMWe on 8/9/98 to perform a control rod sequence exchange, scram time testing, turbine control valve testing, and inspection and replacement of selected servo-strainers in the turbine Electro-Hydraulic Control System. Inspection activities were also performed in the condenser bay while at reduced load. The unit was returned to rated thermal power later that day.

**Enclosure 2**

Plant Hatch Unit 2  
**Monthly Operating Report**  
**August 1998**

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## OPERATING DATA REPORT

Docket No.: 50-366  
Unit Name: E. I. Hatch Unit 2  
Date: September 1, 1998  
Completed By: S. B. Rogers  
Telephone: (912) 367-7781 x2878

### Operating Status

1. Reporting Period: AUGUST 1998  
2. Design Electrical Rating (Net MWe): 829.7  
3. Maximum Dependable Capacity (Net MWe): 818

	This Month	Year To Date	Cumulative
4. Number of Hours Reactor Was Critical:	744.0	5,831.0	132,675.1
5. Hours Generator On Line:	744.0	5,831.0	128,682.7
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	591,173	4,681,581	91,494,327

### 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, 1998  
 Completed By: S. B. Rogers  
 Telephone: (912) 367-7781 x2878

Reporting Period: AUGUST 1998

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 2 operated at rated thermal power until 8/7/98 when Shift inserted control rod 22-15 to the "full in" position to facilitate the replacement of both scram pilot solenoid valves on the associated hydraulic control unit. The insertion of this rod resulted in a reduction of thermal power to approximately 98%. Shift reduced load to approximately 685 GMWe later that day, to perform scram time testing on control rod 22-15. The unit was returned to rated thermal power on 8/8/98. Shift maintained operation at rated thermal power until 8/20/98 when the unit entered End of Cycle Coastdown. Shift removed the "B" 4th stage feedwater heater from service on 8/30/98 for Final Feedwater Temperature Reduction and maintained maximum achievable thermal power for the remainder of the month.