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October 4, 2001

Docket Nos. 50-321
50-366

HL-6135

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 2001 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 2001

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OPERATING DATA REPORT

Docket No.: 50-321
Unit Name: E. I. Hatch Unit 1
Date: October 1, 2001
Completed By: S. B. Rogers
Telephone: (912) 367-7781 x2878

Operating Status

1. Reporting Period: SEPTEMBER 2001
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>720.0</u>	<u>6,500.1</u>	<u>180,305.4</u>
5. Hours Generator On Line:	<u>720.0</u>	<u>6,480.5</u>	<u>174,484.6</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>620,123</u>	<u>5,571,599</u>	<u>125,979,562</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: October 1, 2001
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: SEPTEMBER 2001

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 began the month of September operating at rated thermal power. Shift reduced load to approximately 670 GMWe (~2070 CMWT) on 9/9/01 to perform a control rod sequence exchange and scram time testing. Shift further reduced load to approximately 565 GMWe (~1795 CMWT) on 9/9/01 to perform turbine control valve testing. Inspection and maintenance activities were also performed in the Condenser Bay while at reduced load. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 880 GMWe (~2705 CMWT) on 9/22/01 to perform turbine stop valve testing. The unit was returned to rated thermal power later that day. Shift maintained unit operation at rated thermal power for the remainder of the month.

Enclosure 2

Plant Hatch Unit 2
Monthly Operating Report
September 2001

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OPERATING DATA REPORT

Docket No.: 50-366
Unit Name: E. I. Hatch Unit 2
Date: October 1, 2001
Completed By: S. B. Rogers
Telephone: (912) 367-7781 x2878

Operating Status

1. Reporting Period: SEPTEMBER 2001
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:	<u>336.8</u>	<u>6,167.8</u>	<u>156,599.6</u>
5. Hours Generator On Line:	<u>336.0</u>	<u>6,167.0</u>	<u>152,323.8</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>267,571</u>	<u>5,360,141</u>	<u>111,970,223</u>

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 1, 2001
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: SEPTEMBER 2001

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
01-001	010915	S	384.0	C	2	The unit entered the 16th Refueling Outage when Shift manually tripped the Main Turbine. Shift inserted a manual scram forty five minutes later, following overspeed trip testing of the Main Turbine.

(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 approximately 890 GMWe (~2706 CMWT) with the unit in End-of-Cycle Coastdown. Shift began reducing load on 9/14/01 in preparation for a unit shutdown. The unit entered the 16th Refueling Outage on 9/15/01 when Shift manually tripped the Main Turbine. Shift performed overspeed trip testing on the Main Turbine and inserted a manual scram later on 9/15/01. Shift began unloading a predetermined number of fuel bundles on 9/18/01 to facilitate in-vessel work and inspection. The initial fuel movements were completed on 9/20/01. Activities associated with the 16th Refueling Outage continued for the remainder of the month.