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March 5, 2001

Docket Nos. 50-321
50-366

HL-6051

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

IE 24

Enclosure 1

**Plant Hatch Unit 1
Monthly Operating Report
February 2001**

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OPERATING DATA REPORT

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

Operating Status

1. Reporting Period: FEBRUARY 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:	672.0	1,416.0	175,221.3
5. Hours Generator On Line:	672.0	1,416.0	169,420.1
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	584,627	1,213,596	121,621,559

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

Reporting Period: FEBRUARY 2001

No.	Date	Type	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions
		F: Forced S: Scheduled				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 February. The only exception was when Shift reduced load to approximately 885 GMWe (~2700 CMWT) on 2/10/01 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
February 2001**

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OPERATING DATA REPORT

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

Operating Status

1. Reporting Period: FEBRUARY 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:	672.0	1,416.0	151,847.8
5. Hours Generator On Line:	672.0	1,416.0	147,572.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	585,928	1,250,028	107,860,110

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

Reporting Period: FEBRUARY 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 2 began the month of February operating at rated thermal power. Shift reduced load to approximately 905 GMWe (~2705 CMWT) on 2/3/01 to perform turbine stop valve testing. The unit was returned to rated thermal power later that day. Shift began another load reduction to approximately 675 GMWe (~2180 CMWT) on 2/3/01 to perform a control rod sequence exchange and scram time testing. Shift further reduced load to approximately 435 GMWe (~1380 CMWT) on 2/4/01 to perform inspection and maintenance activities in the Condenser Bay. Turbine control valve testing was also performed while the unit was at reduced load. The unit was returned to rated thermal power on 2/5/01. Shift discovered the "A" 7th Stage Feedwater Heater low level control valve closed after attaining rated thermal power on 2/5/01. The heater was operated on high level control until 2/6/01, at which time the heater was returned to normal level control. Shift maintained unit operation at rated thermal power for the remainder of the month.