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February 9, 2001

Docket Nos. 50-321
50-366

HL-6042

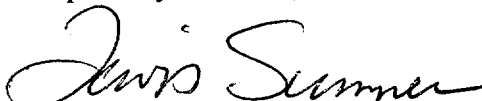
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Edwin I. Hatch Nuclear Plant
Monthly Operating Reports

Ladies and Gentlemen:

Enclosed are the January 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,



H. L. Sumner, Jr.

IFL/eb

Enclosures:

1. January Monthly Operating Report for Plant Hatch Unit 1
2. January 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
January 2001**

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OPERATING DATA REPORT

Docket No.: 50-321
Unit Name: E. I. Hatch Unit 1
Date: February 2, 2001
Completed By: S. B. Rogers
Telephone: (912) 367-7781 x2878

Operating Status

1. Reporting Period: JANUARY 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:	744.0	744.0	174,549.3
5. Hours Generator On Line:	744.0	744.0	168,748.1
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	628,969	628,969	121,036,932

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: February 2, 2001
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: JANUARY 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 January operating at rated thermal power. Shift reduced load to approximately 830 GMWe (~2540 CMWT) on 1/06/01 to perform a rod pattern adjustment and control rod drive exercises. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 890 GMWe (~2735 CMWT) on 1/20/01 to perform turbine stop valve testing. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 910 GMWe (~2745 CMWT) on 1/26/01 to facilitate the adjustment of constants within the Process Computer for feedwater flow measurement. The unit was returned to rated thermal power later that day. Another load reduction to 665 GMWe (~2070 CMWT) was performed on 1/26/01 to perform a control rod sequence exchange and scram time testing. Shift further reduced load to approximately 235 GMWe (~830 CMWT) on 1/27/01 to perform inspection and maintenance activities in the Condenser Bay. The unit was returned to rated thermal power on 1/29/01. Shift reduced load to approximately 785 GMWe (~2350 CMWT) on 1/29/01 to perform a rod pattern adjustment. The unit was returned to rated thermal power later the same day. Shift maintained unit operation at rated thermal power for the remainder of the month.

Enclosure 2

**Plant Hatch Unit 2
Monthly Operating Report
January 2001**

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OPERATING DATA REPORT

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

Operating Status

1. Reporting Period: JANUARY 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:	744.0	744.0	151,175.8
5. Hours Generator On Line:	744.0	744.0	146,900.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	664,100	664,100	107,274,182

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: February 2, 2001
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: JANUARY 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 January operating at rated thermal power. Shift reduced load to approximately 915 GMWe (~2705 CMWT) on 1/07/01 to perform turbine stop valve testing. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 925 GMWe (~2745 CMWT) on 1/10/01 to perform calibration of a feedwater flow transmitter. Shift returned the unit to rated thermal power later the same day. Shift reduced load to approximately 925 GMWe (~2750 CMWT) on 1/26/01 to facilitate the adjustment of constants within the Process Computer for feedwater flow measurement. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 915 GMWe (~2745 CMWT) on 1/31/01 to perform calibration of the feedwater flow transmitters. Shift returned the unit to rated thermal power later that day and maintained the unit at rated thermal power for the remainder of the month.