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SOUTHERN COMPANY
Energy to Serve Your World℠

January 3, 2001

Docket Nos. 50-321
50-366

HL-6027

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 December 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,

Lewis Sumner

H. L. Sumner, Jr.

IFL/eb

Enclosures:
1. December Monthly Operating Report for Plant Hatch Unit 1
2. December 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
December 2000

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OPERATING DATA REPORT

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

Operating Status

1. Reporting Period:	DECEMBER 2000
2. Design Electrical Rating (Net MWe):	864.6
3. Maximum Dependable Capacity (Net MWe):	863

	This Month	Year To Date	Cumulative
4. Number of Hours Reactor Was Critical:	744.0	7,642.3	173,805.3
5. Hours Generator On Line:	744.0	7,532.8	168,004.1
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	653,446	6,407,781	120,407,963

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

Reporting Period: DECEMBER 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 1 began the month of December operating at rated thermal power. Shift reduced load to approximately 735 GMWe (~2210 CMWT) on 12/9/00 to perform a rod pattern adjustment. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 900 GMWe (~2708 CMWT) on 12/15/00 to perform turbine stop valve testing. 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.

Enclosure 2

Plant Hatch Unit 2
Monthly Operating Report
December 2000

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OPERATING DATA REPORT

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

Operating Status

1. Reporting Period:	DECEMBER 2000
2. Design Electrical Rating (Net MWe):	859
3. Maximum Dependable Capacity (Net MWe):	878

	This Month	Year To Date	Cumulative
4. Number of Hours Reactor Was Critical:	744.0	7,937.0	150,431.8
5. Hours Generator On Line:	744.0	7,884.1	146,156.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	666,341	6,900,285	106,610,082

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

Reporting Period: DECEMBER 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 operated at rated thermal power for most of the month of December. The only exception was when Shift reduced load to approximately 910 GMWe (~2705 CMWT) on 12/10/00 to perform turbine stop valve testing. The unit was returned to rated thermal power later the same day.