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SOUTHERN COMPANY
Energy to Serve Your World℠

February 8, 2002

Docket Nos. 50-321
50-366

HL-6180

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 2002 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. 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 2002

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OPERATING DATA REPORT

Docket No.:	50-321
Unit Name:	E. I. Hatch Unit 1
Date:	February 1, 2002
Completed By:	R. M. Beard
Telephone:	(912) 367-7781 x2878

Operating Status

1. Reporting Period:	JANUARY 2002
2. Design Electrical Rating (Net MWe):	870
3. Maximum Dependable Capacity (Net MWe):	856

Design Electrical Rating for 2002 is 870 MWe (Net).
The value was determined by Southern Company Services based upon data obtained during tests performed after completing Extended Power Uprate modifications.

Maximum Dependable Capacity for 2002 is 856 MWe (Net).
The value was determined by Southern Company Services from 2001 operational data.

	This Month	Year To Date	Cumulative
4. Number of Hours Reactor Was Critical:	744.0	744.0	183,258.4
5. Hours Generator On Line:	744.0	744.0	177,437.6
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	647,404	647,404	128,551,541

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 1, 2002
Completed By:	R. M. Beard
Telephone:	(912) 367-7781 x2878

Reporting Period: JANUARY 2002

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 operated at rated thermal power for most of the month of January. The only exception was when Shift reduced load to approximately 880 GMWe (~2705 CMWT) on 1/12/02 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
January 2002

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OPERATING DATA REPORT

Docket No.:	50-366
Unit Name:	E. I. Hatch Unit 2
Date:	February 1, 2002
Completed By:	R. M. Beard
Telephone:	(912) 367-7781 x2878

Operating Status

1. Reporting Period:	JANUARY 2002
2. Design Electrical Rating (Net MWe):	894
3. Maximum Dependable Capacity (Net MWe):	870

Design Electrical Rating for 2002 is 894 MWe (Net).
The value was determined by Southern Company Services based upon data obtained during tests performed after completing Extended Power Uprate modifications.

Maximum Dependable Capacity for 2002 is 870 MWe (Net).
The value was determined by Southern Company Services from 2001 operational data.

	This Month	Year To Date	Cumulative
4. Number of Hours Reactor Was Critical:	548.6	548.6	158,651.2
5. Hours Generator On Line:	528.8	528.8	154,303.9
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	448,598	448,598	113,643,214

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 1, 2002
Completed By: R. M. Beard
Telephone: (912) 367-7781 x2878

Reporting Period: JANUARY 2002

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
01-003	011225	F	215.2	A	4	Activities associated with the December 2001 forced outage continued. The outage resulted from failure of the "B" Outboard Main Steam Isolation Valve (LER 2-01-003) and was extended to repair the "B" 4th Stage Feedwater Heater Bypass Valve. Repairs were made to both valves and the unit was returned to power operation.

(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 in a forced outage, (see description of event 01-003 above for details). Shift began withdrawing control rods for unit startup and brought the reactor critical on 1/9/02. Shift tied the main generator to the grid and began power ascension to rated thermal power later on 1/9/02. The unit attained rated thermal power on 1/11/02. Shift reduced load to approximately 715 GMWe (~2170 CMWT) later that day to perform a rod pattern adjustment. The unit was returned to rated thermal power on 1/12/02. Shift reduced load to approximately 830 GMWe (~2500 CMWT) on 1/28/02 to remove the "B" Condensate Booster Pump from service to repair an oil leak on the pump motor. Shift increased unit load to approximately 895 GMWe (~2680 CMWT) later on 1/28/02 and continued operation at that power level while repairs were being made on the "B" Condensate Booster Pump. Shift returned the "B" Condensate Booster Pump to service on 1/29/02 and ascended to rated thermal power the same day. Shift maintained unit operation at rated thermal power for the remainder of the month.