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SOUTHERN COMPANY
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May 7, 2003

Docket Nos.: 50-321
50-366

NL-03-1021

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 April 2003 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.

HLS/il/daj

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

cc: Southern Nuclear Operating Company
Mr. J. D. Woodard, Executive Vice President
Mr. P. H. Wells, General Manager – Plant Hatch
Document Services RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Mr. S. D. Bloom, NRR Project Manager – Hatch
Mr. N. P. Garrett, Acting Senior Resident Inspector – Hatch

Utility Data Institute, Inc.
Ms. Barbara Lewis - McGraw-Hill Companies

IE24

Enclosure 1

Plant Hatch Unit 1
Monthly Operating Report
April 2003

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OPERATING DATA REPORT

Docket No.:	50-321
Unit Name:	E. I. Hatch Unit 1
Date:	May 2, 2003
Completed By:	S. B. Rogers
Telephone:	(912) 366-2000 x2279

Operating Status

1. Reporting Period.	APRIL 2003
2. Design Electrical Rating (Net MWe).	870
3 Maximum Dependable Capacity (Net MWe).	856

	This Month	Year To Date	Cumulative
4. Number of Hours Reactor Was Critical:	431.0	2,591.0	193,009 4
5. Hours Generator On Line.	431.0	2,591.0	187,063.7
6 Unit Reserve Shutdown Hours.	0.0	0.0	0.0
7. Net Electrical Energy Generated:	300,396	2,179,399	136,710,647

CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES

Date (YYMMDD)	Tag No.	Event Description
		No challenges this month

UNIT SHUTDOWNS

Docket No.:	50-321
Unit Name:	E I. Hatch Unit 1
Date:	May 2, 2003
Completed By:	S. B Rogers
Telephone:	(912) 366-2000 x2279

Reporting Period: APRIL 2003

No	Date (YYMMDD)	Type F Forced S Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
03-001	030419	S	288	B	2	Shift manually tripped the main turbine and inserted a manual scram following a load reduction from approximately 44% of rated thermal power. The unit was shutdown to repair an electrical ground associated with the "B" Reactor Recirculation System

(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 April operating at rated thermal power. Shift reduced load to approximately 865 GMWe (~2640 CMWT) on April 5 to perform control rod drive exercises. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 870 GMWe (~2640 CMWT) on April 12 to perform control rod drive exercises. The unit was returned to rated thermal power later the same day. The unit experienced a trip of the "B" Reactor Recirculation Pump on April 13. Reactor power immediately decreased and stabilized at approximately 70% of rated thermal. Shift further reduced power to approximately 35% of rated thermal to stabilize plant parameters with only one reactor recirculation pump in service. Investigation revealed the pump tripped due to an electrical ground. Shift increased reactor power to approximately 44% of rated thermal on April 14. Reactor power was maintained at this level until April 18, when Shift began reducing load in preparation for a unit shutdown to repair the ground. Shift manually tripped the main turbine and inserted a manual scram on April 19. Investigation revealed the ground to be located in the "B" Reactor Recirculation Pump motor. The unit remained in a maintenance outage, for replacement of the motor, through the end of the month.

Enclosure 2

Plant Hatch Unit 2
Monthly Operating Report
April 2003

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OPERATING DATA REPORT

Docket No.:	50-366
Unit Name:	E. I. Hatch Unit 2
Date.	May 2, 2003
Completed By:	S. B. Rogers
Telephone:	(912) 366-2000 x2279

Operating Status

1	Reporting Period.	APRIL 2003
2	Design Electrical Rating (Net MWe)	894
3	Maximum Dependable Capacity (Net MWe):	870

		This Month	Year To Date	Cumulative
4	Number of Hours Reactor Was Critical	719.0	2,212.7	168,879.9
5.	Hours Generator On Line.	719 0	2,177.4	164,497.3
6	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7.	Net Electrical Energy Generated	621,339	1,869,221	122,487,123

CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES

Date (YYMMDD)	Tag No.	Event Description
		No challenges this month.

UNIT SHUTDOWNS

Docket No.:	50-366
Unit Name:	E. I. Hatch Unit 2
Date:	May 2, 2003
Completed By:	S. B. Rogers
Telephone:	(912) 366-2000 x2279

Reporting Period: APRIL 2003

No.	Date (YYMMDD)	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 April operating at approximately 64.5% of rated thermal power. The unit was at reduced power due to elevated temperatures on a condensate booster pump motor bearing. Shift began power ascension on April 1 and the unit attained approximately 92.5% of rated thermal on April 2. Shift reduced load to approximately 555 GMWe (~1685 CMWT) on April 2 to perform a rod pattern adjustment. Shift began power ascension later that day and the unit attained rated thermal power on April 3. Shift reduced load to approximately 845 GMWe (~2545 CMWT) on April 4 to perform a rod pattern adjustment, and returned the unit to rated thermal power later the same day. Shift reduced load to approximately 875 GMWe (~2640 CMWT) on April 6 to perform control rod drive exercises. The unit was returned to rated thermal power on April 7. Shift reduced load to approximately 840 GMWe (~2540 CMWT) on April 13 after power was momentarily lost to the fans on the Helper Cooling Tower, due to a faulted lightning arrester. Shift also performed control rod drive exercises while at reduced load. The unit was returned to rated thermal power on April 14. Shift reduced load to approximately 850 GMWe (~2460 CMWT) on April 27 to perform a rod pattern adjustment Shift then increased power to approximately 2680 CMWT and performed main turbine valve testing. The unit was returned to rated thermal power on April 28. Shift maintained unit operation at rated thermal power for the remainder of the month.