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Senior Vice President
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THE SOUTHERN ELECTRIC COMPANY

HL-2221
000116

May 11, 1992

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

PLANT HATCH - UNITS 1, 2
NRC DOCKETS 50-321, 50-366
OPERATING LICENSES DPR-57, NPF-5
MONTHLY OPERATING REPORTS

Gentlemen:

Enclosed are the April 1992 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 the requirements of Technical Specifications Section 6.9.1.10.

Sincerely,


W. G. Hairston, III

SRP/sp

Enclosures:

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

c: (See next page.)

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Handwritten initials/signature

U.S. Nuclear Regulatory Commission

May 13, 1992

Page Two

c: Georgia Power Company
Mr. H. L. Sumner, General Manager - Nuclear Plant
NORMS

U.S. Nuclear Regulatory Commission, Washington, D.C.
Mr. K. Jabour, Licensing Project Manager - Hatch

U.S. Nuclear Regulatory Commission, Region II
Mr. S. D. Ebner, Regional Administrator
Mr. L. D. Wert, Senior Resident Inspector - Hatch

ENCLOSURE 1

PLANT HATCH UNIT 1
NRC DOCKET 50-321
MONTHLY OPERATING REPORT
April 1992

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321
DATE: MAY 5, 1992
COMPLETED BY: R. M. BEARD
TELEPHONE: (912) 367-7781 x2878

APRIL 1	0000	Shift continued activities for ascension to rated thermal power.
APRIL 1	1315	The unit was returned to rated thermal power.
APRIL 17	2325	Shift began reducing load to approximately 650 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing.
APRIL 18	0220	Shift began ascension to rated thermal power.
APRIL 18	0248	The un't was returned to rated thermal power.
APRIL 29	2000	Shift began reducing load in preparation to shut down the unit to investigate increasing temperatures in upper regions of the drywell.
APRIL 30	1442	The generator was removed from the grid.
APRIL 30	1526	The reactor was manually scrammed.
APRIL 30	2400	Personnel continued activities associated with the Maintenance Outage for investigation of increasing drywell temperatures.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: MAY 5, 1992
 COMPLETED BY: R. M. BEARD
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

- | | |
|-------------------------------------------------------------------------------------------------|------------------------|
| 1. UNIT NAME: | E. I. HATCH - UNIT ONE |
| 2. REPORT PERIOD: | APRIL 1992 |
| 3. LICENSED THERMAL POWER (MWt): | 2436 |
| 4. NAMEPLATE RATING (GROSS MWe): | 850 |
| 5. DESIGN ELECTRICAL RATING (NET MWe): | 776.3 |
| 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): | 774 |
| 7. MAXIMUM DEPENDABLE CAPACITY (NET MWe): | 741 |
| 8. IF CHANGES OCCUR IN CAPACITY RATINGS
(ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: | NO CHANGES |
| 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWe): | NO RESTRICTIONS |
| 10. REASONS FOR RESTRICTION, IF ANY: | N/A |

	THIS MONTH	YEAR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	719.0	2903	143158
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	710.4	2832.4	105170.2
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	709.7	2807.8	100400.8
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1690782	6782417	223289437
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	539450	2176670	71383350
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	515964	2083228	68364154
19. UNIT SERVICE FACTOR:	98.7%	96.7%	70.1%
20. UNIT AVAILABILITY FACTOR:	98.7%	96.7%	70.1%
21. UNIT CAPACITY FACTOR (USING MDC NET):	96.8%	96.8%	63.7%
22. UNIT CAPACITY FACTOR (USING DER NET):	92.4%	92.4%	61.2%
23. UNIT FORCED OUTAGE RATE:	0.0%	3.0%	12.8%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			N/A
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: Startup tentatively scheduled for May 3, 1992.			
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):			N/A

PLANT E. I. HATCH - UNIT ONE
AVERAGE DAILY POWER LEVEL
APRIL 1992

DOCKET NO.: 50-321
DATE: MAY 5, 1992
COMPLETED BY: R. M. BEARD
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	560
2	750
3	753
4	752
5	722
6	750
7	746
8	746
9	745
10	744
11	743
12	743
13	744
14	749
15	746
16	743
17	741
18	735
19	740
20	739
21	736
22	743
23	744
24	740
25	738
26	748
27	749
28	749
29	727
30	135

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DUCKET NO.: 50-321

DATE: MAY 5, 1992

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: APRIL 1992

NO.	DATE	T Y P E	DURATION (HOURS)	R E A S O N	M E T H O D	LICENSEE EVENT REPORT NUMBER	S Y S T E M	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-005	920430	S	9.3	B	2	N/A	AA	VALVEX (K)	The unit was shut down to investigate the cause of increasing temperatures in the upper regions of the drywell. Personnel discovered the air supply damper to one of the cooling units in the top of the drywell had closed due to a loose wing nut on the damper. The damper was repaired, the cooling unit tested, and unit startup activities initiated.

TYPE:

F-FORCED
S-SCHEDULED

REASON:

A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINTENANCE OR TEST
C-REFUELING
D-REGULATORY RESTRICTION
E-OPERATOR TRAINING & LICENSE
F-ADMINISTRATIVE
G-OPERATIONAL ERROR (EXPLAIN)
H-OTHER (EXPLAIN)

METHOD:

1-MANUAL
2-MANUAL SCRAM
3-AUTOMATIC SCRAM
4-CONTINUATIONS
5-LOAD REDUCTION
9-OTHER (EXPLAIN)

EVENTS REPORTED INVOLVE
A GREATER THAN 20%
REDUCTION IN AVERAGE
DAILY POWER LEVEL FOR
THE PRECEDING 24 HOURS.

ENCLOSURE 2

PLANT HATCH UNIT 2
NRC DOCKET 50-366
MONTHLY OPERATING REPORT
April 1992

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366

DATE: MAY 5, 1992

COMPLETED BY: R. M. BEAPO

TELEPHONE: (912) 367-7781 x2878

APRIL 1	0000	Shift continued to maintain rated thermal power.
APRIL 15	2103	Shift began reducing load to approximately 600 GMWe to perform Flux Tilt Testing to locate the leaking fuel bundle and ascertain the effects on offgas activity levels.
APRIL 16	0630	Shift began returning the unit to rated thermal power. Fuel preconditioning measures were implemented to minimize the possibility of further fuel damage.
APRIL 16	1435	The unit was returned to rated thermal power.
APRIL 18	2345	Shift began reducing load to approximately 700 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing.
APRIL 19	0137	Shift began ascension to rated thermal power.
APRIL 19	0232	The unit was returned to rated thermal power.
APRIL 30	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO: 50-366
 DATE: MAY 5, 1992
 COMPLETED BY: R. H. BEAPD
 TELEPHONE: (912) 367-7781 x2878

RATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	APRIL 1992
3. LICENSED THERMAL POWER (MWt):	2436
4. NAMEPLATE RATING (GROSS MWe):	850
5. DESIGN ELECTRICAL RATING (NET MWe):	784
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe):	799
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	765
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:	NO CHANGES
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWe):	NO RESTRICTIONS
10. REASONS FOR RESTRICTION, IF ANY:	N/A

	THIS MONTH	YEAR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	719.0	2903	110784
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	719.0	2799.8	83661.3
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	719.0	2737.4	80557.0
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1742414	6544585	178701723
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	567380	2128140	58566260
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	543738	2037686	55784100
19. UNIT SERVICE FACTOR:	100.0%	94.3%	72.7%
20. UNIT AVAILABILITY FACTOR:	100.0%	94.3%	72.7%
21. UNIT CAPACITY FACTOR (USING MDC NET):	98.9%	91.8%	65.9%
22. UNIT CAPACITY FACTOR (USING DER NET):	96.5%	89.5%	64.2%
23. UNIT FORCED OUTAGE RATE:	0.0%	1.0%	7.2%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
Refueling Outage: Tentatively Scheduled for September 16, 1992; 60 Days			
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:			N/A
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):			N/A

PLANT E. I. HATCH - UNIT TWO
AVERAGE DAILY POWER LEVEL
APRIL 1992

DOCKET NO: 50-366
DATE: MAY 5, 1992
COMPLETED BY: R. M. BEARD
TELEPHONE: (912) 367-7/81 x2878

DAY	Net MWe
1	760
2	762
3	765
4	760
5	733
6	761
7	758
8	756
9	755
10	753
11	756
12	758
13	760
14	764
15	750
16	678
17	760
18	758
19	749
20	752
21	753
22	759
23	759
24	757
25	753
26	765
27	765
28	767
29	766
30	764

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: MAY 5, 1992

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: APRIL 1992

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
									No significant power reductions this month.

TYPE:

F-FORCED
S-SCHEDULED

REASON:

A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINTENANCE OR TEST
C-REFUELING
D-REGULATORY RESTRICTION
E-OPERATOR TRAINING & LICENSE
F-ADMINISTRATIVE
G-OPERATIONAL ERROR (EXPLAIN)
H-OTHER (EXPLAIN)

METHOD:

1-MANUAL
2-MANUAL SCRAM
3-AUTOMATIC SCRAM
4-CONTINUATIONS
5-LOAD REDUCTION
9-OTHER (EXPLAIN)

EVENTS REPORTED INVOLVE A GREATER THAN 20% REDUCTION IN AVERAGE DAILY POWER LEVEL FOR THE PRECEDING 24 HOURS.