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The Southern Electric System

W. G. Hairston, III
Senior Vice President
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December 11, 1990

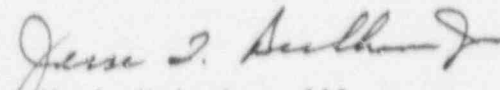
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

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

Gentlemen:

Enclosed are the November 1990 Monthly Operating Reports for Plant Hatch Unit 1, Docket No. 50-321, and Plant Hatch Unit 2, Docket No. 50-366. These reports are submitted in accordance with the requirements of Technical Specifications Section 6.9.1.10.

Sincerely,

for 
W. G. Hairston, III

SRP/eb

Enclosures:

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

c: (See next page.)

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U.S. Nuclear Regulatory Commission

December 11, 1990

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c: Georgia Power Company

Mr. H. L. Sumner, General Manager - Nuclear Plant

Mr. J. D. Heidt, Manager Engineering and Licensing - Hatch

NORMS

U.S. Nuclear Regulatory Commission, Washington, D.C.

Mr. K. Jabbour, Licensing Project Manager - Hatch

U.S. Nuclear Regulatory Commission, Region II

Mr. S. D. Ebnetter, Regional Administrator

Mr. L. D. Wert, Senior Resident Inspector - Hatch

ENCLOSURE 1

PLANT HATCH UNIT 1
NRC DOCKET 50-321
MONTHLY OPERATING REPORT
November 1990

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PLANT E. I. RATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: DECEMBER 5, 1990

COMPLETED BY: A. R. OWENS

TELEPHONE: (912) 367-7781 x2878

NOVEMBER 1	0000	Maintaining rated thermal power.
NOVEMBER 9	1906	Shift began reducing load to approximately 680 GMWe for Turbine Control Valve and Turbine Bypass Valve Testing.
NOVEMBER 9	2144	Shift began returning the unit to rated thermal power.
NOVEMBER 30	2010	Shift began reducing load to approximately 695 GMWe for Turbine Control Valve Testing.
NOVEMBER 30	2250	Shift began returning the unit to rated thermal power.
NOVEMBER 30	2400	Maintaining rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: DECEMBER 5, 1990
 COMPLETED BY: A. R. OWENS
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	NOVEMBER, 1990
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):	786
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	753
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:	720	8016	130751
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	5195.6	94803.5
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	720.0	4980.0	90316.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh _t):	1750848	11709637	199108672
17. GROSS ELECTRICAL ENERGY GENERATED (MWh _e):	556190	3711120	64195150
18. NET ELECTRICAL ENERGY GENERATED (MWh _e):	532622	3523307	61029665
19. UNIT SERVICE FACTOR:	100.0%	62.1%	69.1%
20. UNIT AVAILABILITY FACTOR:	100.0%	62.1%	69.1%
21. UNIT CAPACITY FACTOR (USING MDC NET):	98.2%	58.4%	62.2%
22. UNIT CAPACITY FACTOR (USING DER NET):	95.3%	56.6%	59.7%
23. UNIT FORCED OUTAGE RATE:	0.0%	6.6%	13.5%
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:			N/A
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):			N/A

PLANT E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

AVERAGE DAILY POWER LEVEL

DATE: DECEMBER 5, 1990

NOVEMBER, 1990

COMPLETED BY: A. R. OWENS

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	743
2	740
3	737
4	735
5	735
6	740
7	741
8	740
9	728
10	739
11	743
12	741
13	743
14	743
15	743
16	742
17	744
18	746
19	746
20	744
21	742
22	741
23	739
24	741
25	742
26	739
27	735
28	730
29	739
30	734

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: DECEMBER 5, 1990

COMPLETED BY: A. R. OWENS

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: NOVEMBER 1990

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM TO BE	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.

ENCLOSURE 2

PLANT HATCH UNIT 2
NRC DOCKET 50-366
MONTHLY OPERATING REPORT
November 1990

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PLANT E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: DECEMBER 5, 1990

NARRATIVE REPORT

COMPLETED BY: A. R. OWENS

TELEPHONE: (912) 367-7781 x2878

NOVEMBER 1	0000	Maintaining rated thermal power.
NOVEMBER 10	2205	Shift began reducing load to approximately 600 GMWe for Turbine Control Valve and Turbine Bypass Valve Testing.
NOVEMBER 11	0055	Shift began returning the unit to rated thermal power.
NOVEMBER 30	2400	Maintaining rated thermal power.

OPERATING DATA REPORT

DOCKET NO: 50-366
 DATE: DECEMBER 5, 1990
 COMPLETED BY: A. R. OWENS
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	NOVEMBER, 1990
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):	766
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:	720	8016	98377
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	7940.7	73338.7
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	720.0	7905.8	70418.0
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh _t):	1750608	18987337	154487305
17. GROSS ELECTRICAL ENERGY GENERATED (MWh _e):	576390	6226470	50684560
18. NET ELECTRICAL ENERGY GENERATED (MWh _e):	551869	5958196	48254559
19. UNIT SERVICE FACTOR:	100.0%	98.6%	71.6%
20. UNIT AVAILABILITY FACTOR:	100.0%	98.6%	71.6%
21. UNIT CAPACITY FACTOR (USING MDC NET):	100.1%	97.0%	64.1%
22. UNIT CAPACITY FACTOR (USING DER NET):	97.8%	94.8%	62.6%
23. UNIT FORCED OUTAGE RATE:	0.0%	1.4%	7.7%
24. SHUTDOWNS SCHEDULED OVER THE NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):	Refueling Outage: March 20, 1990; 69 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
NOVEMBER, 1990

DOCKET NO: 50-366
DATE: DECEMBER 5, 1990
COMPLETED BY: A. R. OWENS
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	769
2	764
3	766
4	764
5	766
6	768
7	769
8	768
9	764
10	755
11	757
12	769
13	769
14	769
15	768
16	767
17	768
18	772
19	767
20	771
21	772
22	768
23	765
24	767
25	770
26	767
27	761
28	758
29	766
30	771

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: DECEMBER 5, 1990

COMPLETED BY: A. R. OWENS

TELEPHONE: (912) 367-7781 x2876

REPORT MONTH: NOVEMBER, 1990

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
90-008	901110	S	0	B	5	N/A	HB	VALVEX (D)	Reduced load for Turbine Control Valve and Turbine Bypass Valve Testing.

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 PRECEEDING 24 HOURS.