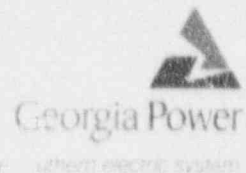


Georgia Power Company  
40 Inverness Center Parkway  
Post Office Box 1295  
Birmingham, Alabama 35201  
Telephone 205 877-7278

J. T. Beckham, Jr.  
Vice President—Nuclear  
Hatch Project



HL-2010  
000116

January 13, 1991

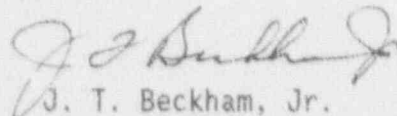
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

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

Gentlemen:

Enclosed are the December 1991 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,



J. T. Beckham, Jr.

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.)

9201220156 911231  
PDR ADDUCK 05000321  
R PDR

IF24  
11

U.S. Nuclear Regulatory Commission

January 13, 1991

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. Jabbour, 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  
December 1991

TABLE OF CONTENTS

	<u>Page</u>
Narrative Report	E1-1
Operating Data Report	E1-2
Average Daily Power Level	E1-3
Unit Shutdowns and Power Reductions	E1-4

PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: JANUARY 3, 1992

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

DECEMBER 1	0000	Personnel continued activities associated with ascension to rated thermal power.
DECEMBER 1	1715	Rated thermal power was achieved.
DECEMBER 27	2223	The "B" Reactor Feed Pump Turbine tripped when the Main AC Oil Pump was stopped during the performance of daily testing activities. The Reactor Recirculation System Pumps ran back, and the unit stabilized at an approximate load of 515 GMWe.
DECEMBER 27	2350	Ascension to rated thermal power was halted to perform Turbine Control Valve and Turbine Bypass Valve Testing.
DECEMBER 28	0353	The unit was returned to rated thermal power.
DECEMBER 31	2400	Shift continued to maintain rated thermal power.

# OPERATING DATA REPORT

DOCKET NO.: 50-321  
 DATE: JANUARY 3, 1992  
 COMPLETED BY: R. M. BEARD  
 TELEPHONE: (912) 367-7781 x2878

## OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	DECEMBER 1991
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:	744.0	8760	140255
12. NUMBER OF HOURS REACTOR W/S CRITICAL:	744.0	6790.3	102337.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	6533.0	97593.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1792632	15593572	216507020
17. GROSS ELECTRICAL ENERGY GENERATED (MWh <sub>e</sub> ):	577730	4936820	69706680
18. NET ELECTRICAL ENERGY GENERATED (MWh <sub>e</sub> ):	553044	4700758	66280926
19. UNIT SERVICE FACTOR:	100.0%	74.6%	69.6%
20. UNIT AVAILABILITY FACTOR:	100.0%	74.6%	69.6%
21. UNIT CAPACITY FACTOR (USING MDC NET):	100.3%	72.4%	63.0%
22. UNIT CAPACITY FACTOR (USING DER NET):	95.8%	69.1%	60.6%
23. UNIT FORCED OUTAGE RATE:	0.0%	6.8%	13.0%
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  
AVERAGE DAILY POWER LEVEL  
DECEMBER 1991

DOCKET NO.: 50-321  
DATE: JANUARY 3, 1992  
COMPLETED BY: R. M. BEARD  
TELEPHONE: (912) 367-7781 x2878

DAY	Net. MWe
1 .....	523
2 .....	731
3 .....	744
4 .....	756
5 .....	756
6 .....	755
7 .....	753
8 .....	751
9 .....	747
10 .....	749
11 .....	750
12 .....	752
13 .....	747
14 .....	748
15 .....	756
16 .....	755
17 .....	757
18 .....	755
19 .....	758
20 .....	755
21 .....	753
22 .....	752
23 .....	750
24 .....	752
25 .....	754
26 .....	754
27 .....	738
28 .....	738
29 .....	752
30 .....	751
31 .....	753



## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: JANUARY 3, 1992

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: DECEMBER 1991

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.

ENCLOSURE 2

PLANT HATCH UNIT 2  
REF. DOCUMENT 50-366  
MONTHLY OPERATING REPORT  
December 1991

TABLE OF CONTENTS

	<u>Page</u>
Narrative Report	E2-1
Operating Data Report	E2-2
Average Daily Power Level	E2-3
Unit Shutdowns and Power Reductions	E2-4



PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366

DATE: JANUARY 3, 1992

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

DECEMBER 1	0000	Shift continued operation at approximately 700 GMWe while performing Turbine Control Valve and Turbine Bypass Valve Testing, and a Control Rod Exercise for high worth rods.
DECEMBER 1	0132	The unit was returned to rated thermal power.
DECEMBER 10	2155	The 4th Stage "A" Feedwater Heater isolated when a relay in the control logic for the heater failed. Load was promptly reduced to approximately 550 GMWe.
DECEMBER 11	0512	The unit was returned to rated thermal power.
DECEMBER 28	2230	Shift reduced load to approximately 700 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing, and a Control Rod Exercise for high worth rods.
DECEMBER 28	2400	The unit was returned to rated thermal power.
DECEMBER 31	2400	Shift continued to maintain rated thermal power.

# OPERATING DATA REPORT

DOCKET NO: 50-366  
 DATE: JANUARY 3, 1992  
 COMPLETED BY: R. M. BEARD  
 TELEPHONE: (912) 367-7781 x2878

## OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	DECEMBER 1991
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):	794
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	761
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:	744.0	8760	107881
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	6778.8	80861.5
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	6057.6	77819.6
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1803705	15863545	172157138
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	591130	5158500	56438120
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	557177	4922299	53746414
19. UNIT SERVICE FACTOR:	100.0%	76.0%	72.1%
20. UNIT AVAILABILITY FACTOR:	100.0%	76.0%	72.1%
21. UNIT CAPACITY FACTOR (USING MDC NET):	100.2%	73.8%	65.2%
22. UNIT CAPACITY FACTOR (USING DER NET):	97.2%	71.7%	63.5%
23. UNIT FORCED OUTAGE RATE:	0.0%	4.4%	7.4%
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 TWO  
AVERAGE DAILY POWER LEVEL  
DECEMBER 1991

DOCKET NO: 50-366  
DATE: JANUARY 3, 1992  
COMPLETED BY: R. M. BEARD  
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1 .....	753
2 .....	758
3 .....	758
4 .....	766
5 .....	769
6 .....	764
7 .....	763
8 .....	762
9 .....	758
10 .....	739
11 .....	726
12 .....	763
13 .....	759
14 .....	760
15 .....	769
16 .....	770
17 .....	771
18 .....	767
19 .....	771
20 .....	769
21 .....	766
22 .....	764
23 .....	762
24 .....	763
25 .....	767
26 .....	767
27 .....	766
28 .....	762
29 .....	767
30 .....	768
31 .....	768

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: JANUARY 3, 1992

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: DECEMBER 1991

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.