

Georgia Power Company  
333 Piedmont Avenue  
Atlanta, Georgia 30308  
Telephone 404 526-2195

Mailing Address  
40 Inverness Center Parkway  
Post Office Box 1295  
Birmingham, Alabama 35201  
Telephone 205 666-5551

W. G. Hairston, III  
Senior Vice President  
Nuclear Operations

HL-1041  
000033

April 9, 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 March 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,

*W. G. Hairston, III*  
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.)

9004120353 900331  
PDR ADLOCK 05000321  
R PDC

JE2A  
11

U.S. Nuclear Regulatory Commission  
April 9, 1990  
Page Two

c: Georgia Power Company  
Mr. H. C. Nix, General Manager - Nuclear Plant  
Mr. J. D. Heidt, Manager Engineering and Licensing - Hatch  
GO-NORMS

U.S. Nuclear Regulatory Commission, Washington, D.C.  
Mr. L. P. Crocker, Licensing Project Manager - Hatch

U.S. Nuclear Regulatory Commission, Region II  
Mr. S. D. Ebnetter, Regional Administrator  
Mr. J. E. Menning, Senior Resident Inspector - Hatch

ENCLOSURE 1

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

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: APRIL 2, 1990

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

MARCH 1	0000	The 12th Refueling and Condenser Tube Replacement Outage is in progress.
MARCH 2	0733	The reactor core is unloaded.
MARCH 31	2400	The 12th Refueling and Condenser Tube Replacement Outage is in progress.

# OPERATING DATA REPORT

DOCKET NO.: 50-321  
 DATE: APRIL 2, 1990  
 COMPLETED BY: R. M. BEARD  
 TELEPHONE: (912) 367-7781 x2878

## OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	MARCH 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:	744	2160	124895
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	0.0	1162.1	90770.0
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	0.0	1140.9	86477.0
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	0	2640401	190039436
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	0	857790	61341820
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	-3788	814951	58321309
19. UNIT SERVICE FACTOR:	0.0%	52.8%	69.2%
20. UNIT AVAILABILITY FACTOR:	0.0%	52.8%	69.2%
21. UNIT CAPACITY FACTOR (USING MDC NET):	0.0%	50.1%	62.2%
22. UNIT CAPACITY FACTOR (USING DER NET):	0.0%	48.6%	59.7%
23. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	13.8%
24. SHUTDOWNS SCHEDULED OVER THE NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):	N/A		
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	June 6, 1990		
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	N/A		

PLANT E. I. HATCH - UNIT ONE  
AVERAGE DAILY POWER LEVEL  
MARCH 1990

DOCKET NO.: 50-321  
DATE: APRIL 2, 1990  
COMPLETED BY: R. M. BEARD  
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1 .....	0
2 .....	0
3 .....	0
4 .....	0
5 .....	0
6 .....	0
7 .....	0
8 .....	0
9 .....	0
10 .....	0
11 .....	0
12 .....	0
13 .....	0
14 .....	0
15 .....	0
16 .....	0
17 .....	0
18 .....	0
19 .....	0
20 .....	0
21 .....	0
22 .....	0
23 .....	0
24 .....	0
25 .....	0
26 .....	0
27 .....	0
28 .....	0
29 .....	0
30 .....	0
31 .....	0



## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

REPORT MONTH: MARCH 1990

DOCKET NO.: 50-321

DATE: APRIL 2, 1990

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

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 O M E	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
90-003	900217	S	744	C	4	N/A	RC	FUELXX	The 12th Refueling and Condenser Tube Replacement Outage is in progress.

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  
March 1990

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: APRIL 2, 1990

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

MARCH 1	0000	The unit is maintaining rated thermal power.
MARCH 11	0002	Shift personnel began reducing load to approximately 630 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing.
MARCH 11	0223	Shift personnel began returning the unit to rated thermal power.
MARCH 28	0815	The unit experienced an automatic reactor scram on a false low reactor water level signal. The signal occurred when the Reactor Protection System's reactor level indicators spiked downscale while another instrument connected to the same sensing line was being returned to service.
MARCH 28	2316	Shift personnel began rod withdrawal for unit startup.
MARCH 29	0301	The reactor achieved critical status.
MARCH 29	1154	The generator is tied to the grid. Shift personnel are returning the unit to rated thermal power.
MARCH 31	2400	The unit is maintaining rated thermal power.

# OPERATING DATA REPORT

DOCKET NO: 50-366  
 DATE: APRIL 2, 1990  
 COMPLETED BY: R. M. BEARD  
 TELEPHONE: (912) 367-7781 x2878

## OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	MARCH 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:	744	2160	92521
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	725.2	2084.7	67482.7
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	716.4	2049.8	64562.0
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1728930	4821841	140321809
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	575270	1610600	46068690
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	531001	1541314	43837677
19. UNIT SERVICE FACTOR:	96.3%	94.9%	69.8%
20. UNIT AVAILABILITY FACTOR:	96.3%	94.9%	69.8%
21. UNIT CAPACITY FACTOR (USING MDC NET):	96.7%	93.2%	62.0%
22. UNIT CAPACITY FACTOR (USING DER NET):	94.5%	91.0%	60.4%
23. UNIT FORCED OUTAGE RATE:	3.7%	5.1%	8.4%
24. SHUTDOWNS SCHEDULED OVER THE NEXT SIX 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. 1. HATCH - UNIT TWO  
AVERAGE DAILY POWER LEVEL  
MARCH 1990

DOCKET NO: 50-366  
DATE: APRIL 2, 1990  
COMPLETED BY: R. M. BEARD  
TELEPHONE: (912) 367-7781 x2878

DAY	h: MWe
1	782
2	782
3	781
4	785
5	783
6	781
7	780
8	784
9	782
10	778
11	758
12	776
13	776
14	777
15	773
16	774
17	776
18	781
19	781
20	784
21	784
22	784
23	780
24	780
25	779
26	780
27	781
28	259
29	136
30	752
31	771

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: APRIL 2, 1990

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: MARCH 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 O P P E D M E	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
90-004	900323	F	27.65	B	3	2-90-00	IF	INSTRU (T)	<p>Maintenance personnel were performing a surveillance on an instrument which was connected to the instruments monitoring reactor water level. During the surveillance, the water level instruments spiked downscale. The transient experienced by the level instruments resulted in an automatic reactor scram on a false low reactor water level signal.</p> <p>The surveillance procedure is being revised to identify the need to return sensing lines to normal system operating pressure before returning the affected instrument to service.</p>

## 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.