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HL-1684
000116

June 14, 1991

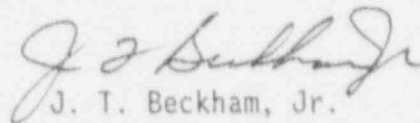
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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PLANT HATCH - UNITS 1, 2
NRC DOCKETS 50-321, 50-366
OPERATING LICENSES DPR-57, NPF-5
MONTHLY OPERATING REPORTS

Gentlemen:

Enclosed are the May 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.)

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U.S. Nuclear Regulatory Commission

June 14, 1991

Page Two

c: Georgia Power Company

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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

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ENCLOSURE 1

PLANT HATCH UNIT 1
NRC DOCKET 50-321
MONTHLY OPERATING REPORT
May 1991

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO. 50-321

DATE: JUNE 3, 1991

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

MAY 1	0000	Shift continued maintaining 95% of rated thermal power with the "B" Condensate Pump out of service due to a request from the control center that activities which require a load reduction not be performed until maintaining system load capacity was not as critical.
MAY 2	2228	Shift began reducing load to approximately 525 GMWe to return the "B" Condensate Pump to service.
MAY 3	0236	Shift began ascending to rated thermal power.
MAY 3	0427	The unit attained rated thermal power.
MAY 17	1955	The "A" Reactor Feed Pump tripped due to low bearing oil pressure while shift personnel were swapping oil pumps in accordance with the weekly surveillance on the Reactor Feed Pumps. The Reactor Recirculation Pumps ran back to the No.2 Speed Limiter, as designed, reducing unit load to approximately 500 GMWe. Shift personnel performed Turbine Control Valve and Turbine Stop Valve Testing while at reduced load.
MAY 18	0115	The "A" Reactor Feed Pump was returned to service and ascension to rated thermal power was initiated.
MAY 18	0535	The unit attained rated thermal power.
MAY 31	2400	Shift continued maintaining rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: JUNE 3, 1991
 COMPLETED BY: R. M. BEARD
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

- | | |
|---|------------------------|
| 1. UNIT NAME: | E. I. HATCH - UNIT ONE |
| 2. REPORT PERIOD: | MAY 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	3623	135118
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	3344.3	98891.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	3291.2	94351.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1794288	7869872	208783320
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	568130	2508510	67278370
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	543481	2396784	63976952
19. UNIT SERVICE FACTOR:	100.0%	90.8%	69.8%
20. UNIT AVAILABILITY FACTOR:	100.0%	90.8%	69.8%
21. UNIT CAPACITY FACTOR (USING MDC NET):	98.6%	89.3%	63.1%
22. UNIT CAPACITY FACTOR (USING DER NET):	94.1%	85.2%	60.7%
23. UNIT FORCED OUTAGE RATE:	0.0%	9.2%	13.3%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
Refueling Outage:	Tentatively Scheduled for September 18, 1991; 68 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 ONE

AVERAGE DAILY POWER LEVEL

MAY 1991

DOCKET NO.: 50-321

DATE: JUNE 3, 1991

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	701
2	695
3	704
4	737
5	739
6	741
7	743
8	741
9	738
10	739
11	738
12	738
13	738
14	737
15	737
16	738
17	695
18	690
19	737
20	744
21	738
22	736
23	736
24	734
25	736
26	736
27	734
28	732
29	734
30	734
31	735

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: JUNE 3, 1991

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: MAY 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.

PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366

DATE: JUNE 3, 1991

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

MAY 1	0000	Shift continued with activities for the 9th Refueling Outage.
MAY 1	0141	Shift began reloading fuel into the reactor core.
MAY 6	1725	Shift completed reactor core fuel reloading activities.
MAY 8	1105	Shift began core alterations to correct the location of four bundles.
MAY 8	1520	Core alterations were completed.
MAY 30	2355	Shift began withdrawing control rods to achieve reactor criticality.
MAY 31	0300	The reactor achieved criticality.
MAY 31	2400	Shift continued with activities for reactor startup and placing the unit on-line.

OPERATING DATA REPORT

DOCKET NO: 50-366
 DATE: JUNE 3, 1991
 COMPLETED BY: R. M. BEARD
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	MAY 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	3623	102744
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	21.0	1641.8	75724.5
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	0.0	1562.9	72724.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	365	3708454	160002047
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	0	1214220	52493840
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	-6408	1146044	49970159
19. UNIT SERVICE FACTOR:	0.0%	43.1%	70.8%
20. UNIT AVAILABILITY FACTOR:	0.0%	43.1%	70.8%
21. UNIT CAPACITY FACTOR (USING MDC NET):	0.0%	41.6%	63.6%
22. UNIT CAPACITY FACTOR (USING DER NET):	0.0%	40.3%	62.0%
23. UNIT FORCED OUTAGE RATE:	0.0%	16.6%	7.9%
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		
Estimated Startup Date: June 2, 1991.			
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	N/A		

PLANT E. I. HATCH - UNIT TWO

AVERAGE DAILY POWER LEVEL

MAY 1991

DOCKET NO: 50-366

DATE: JUNE 3, 1991

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 TWO

DOCKET NO: 50-366

DATE: JUNE 3, 1991

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: MAY 1991

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 M E	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
91-003	910320	S	744.0	C	4	N/A	RC	FUELXX	The unit is shutdown for the 9th Refueling Outage.

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)

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