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HL-1630
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May 10, 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 April 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

May 10, 1991

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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
April 1991

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: MAY 3, 1991

COMPLETED BY: R. M. BEARD

TELEPHONE (912) 367-7781 x2878

APRIL 1 0000 Shift continued maintaining rated thermal power.

APRIL 18 1848 The "A" Reactor Recirculation System Pump tripped when the control board for the voltage regulator on the Motor/Generator Set failed. Unit load was reduced to approximately 400 GMWe.

APRIL 19 2100 Shift began returning the unit to rated thermal power.

APRIL 19 2353 Shift stopped power ascension at approximately 650 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing.

APRIL 20 0516 Shift began returning the unit to rated thermal power.

APRIL 20 0650 Reactor reached rated thermal power.

APRIL 26 2100 Shift began reducing load to remove the "B" Condensate Pump from service for repair of a pinhole leak in the pump casing.

APRIL 26 2210 Shift began returning the unit to rated thermal power.

APRIL 26 2315 Shift stopped power ascension at approximately 750 GMWe due to low effluent pressure at the Condensate Demineralizers.

APRIL 27 0420 The "A" Reactor Feed Pump tripped while activities to return the "B" Condensate Pump to service were being performed. Unit load was reduced to approximately 500 GMWe.

APRIL 27 0508 Shift began returning the unit to 95% of rated thermal power.

APRIL 27 1320 Reactor reached approximately 95% of rated thermal power.

APRIL 30 2400 Shift was maintaining 95% of rated thermal power with the "B" Condensate Pump out of service due to a request from the System Load Dispatcher that activities which require a load reduction not be performed at this time.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: MAY 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:	APRIL 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:	719.0	2879	134374
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	719.0	2600.3	98147.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	719.0	2547.2	93607.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1704518	6075584	206989032
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	542760	1940380	66710240
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	519354	1853303	63433471
19. UNIT SERVICE FACTOR:	100.0%	88.5%	69.7%
20. UNIT AVAILABILITY FACTOR:	100.0%	88.5%	69.7%
21. UNIT CAPACITY FACTOR (USING MDC NET):	97.5%	86.9%	62.9%
22. UNIT CAPACITY FACTOR (USING DER NET):	93.0%	82.9%	60.5%
23. UNIT FORCED OUTAGE RATE:	0.0%	11.5%	13.4%
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

APRIL 1991

DOCKET NO.: 50-321

DATE: MAY 3, 1991

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	749
2	752
3	748
4	745
5	746
6	744
7	743
8	740
9	743
10	744
11	747
12	743
13	742
14	741
15	741
16	739
17	744
18	681
19	380
20	716
21	747
22	749
23	746
24	742
25	744
26	738
27	678
28	705
29	699
30	696

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: MAY 3, 1991

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: APRIL 1991

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSCODE TO ED ME	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
91-004	910418	F	0.0	A	5	N/A	CB	INSTRU (C)	The "A" Reactor Recirculation System Pump tripped when elements on the control board for the voltage regulator on the "A" Motor/Generator Set failed. Maintenance meggered the Motor/Generator Set, replaced the control board for the voltage regulator, and replaced the tachometer prior to returning the pump to service.

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 1991

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366

DATE: MAY 3, 1991

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

APRIL 1 0000 Shift continued activities for the 9th Refueling Outage.
APRIL 1 0200 Shift completed unloading fuel bundles from the reactor core.
APRIL 30 2400 Shift continued activities for the 9th Refueling Outage.

OPERATING DATA REPORT

DOCKET NO: 50-366
 DATE: MAY 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:	APRIL 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:	719.0	2879	102000
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	0.0	1620.8	75703.5
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):	0	3708089	160001682
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	0	1214220	52493840
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	-3446	1152452	49976567
19. UNIT SERVICE FACTOR:	0.0%	54.3%	71.3%
20. UNIT AVAILABILITY FACTOR:	0.0%	54.3%	71.3%
21. UNIT CAPACITY FACTOR (USING MDC NET):	0.0%	52.6%	64.1%
22. UNIT CAPACITY FACTOR (USING DER NET):	0.0%	51.1%	62.5%
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:	Estimated Startup Date: May 23, 1991		
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	N/A		

PLANT E. I. HATCH - UNIT TWO

AVERAGE DAILY POWER LEVEL

APRIL 1991

DOCKET NO: 50-366

DATE: MAY 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

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: MAY 3, 1991

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: APRIL 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 E M	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
91-003	910320	S	719.0	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)

METHOD:

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EVENTS REPORTED INVOLVE
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