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Georgia Power
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HL-2914
000116

September 15, 1992

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 August 1992 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.)

IE24

Georgia Power

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. Ebneter, Regional Administrator
Mr. L. D. Wert, Senior Resident Inspector - Hatch

ENCLOSURE 1

PLANT HATCH UNIT 1
NRC DOCKET 50-321
MONTHLY OPERATING REPORT
August 1992

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321
DATE: SEPTEMBER 2, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2878

AUGUST 1	0000	Shift continued to maintain rated thermal power.
AUGUST 3	2028	Shift began reducing load to approximately 700 GMWe to remove Condensate Demineralizer "1C" from service to perform backwash and precoat. Condensate Demineralizer "1A" was tagged out of service for element replacement.
AUGUST 3	2345	The unit was returned to rated thermal power.
AUGUST 7	2315	Shift began reducing load to approximately 700 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing.
AUGUST 8	0215	The unit was returned to rated thermal power.
AUGUST 25	1225	Shift began reducing load to approximately 700 GMWe to isolate extraction steam to the 10th Stage "A" Feedwater Heater for investigation/repair of a steam leak.
AUGUST 26	2230	The unit was returned to rated thermal power.
AUGUST 27	0222	An automatic reactor scram occurred due to a Group I Isolation caused by an upscale spike on the Main Steam Line Radiation Monitors. The upscale spike most likely resulted from the introduction of organic contaminants into the reactor coolant while shift personnel were returning Condensate Demineralizer "1G" to service. Both HPCI and RCIC received automatic initiation signals during the transient; however, only RCIC injected because reactor water level increased above the HPCI injection setpoint before all injection permissives were met.
AUGUST 28	1727	Shift personnel began pulling rods for unit startup.
AUGUST 28	2025	Shift brought the reactor critical.
AUGUST 29	2026	The unit was tied to the grid, and ascension to rated thermal power was initiated.
AUGUST 31	0405	The unit attained rated thermal power.
AUGUST 31	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
DATE: SEPTEMBER 2, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1.	UNIT NAME:	E. I. HATCH - UNIT ONE
2.	REPORT PERIOD:	AUGUST 1992
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	5855	146110
12.	NUMBER OF HOURS REACTOR WAS CRITICAL:	702.0	5666.4	108004.2
13.	REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14.	HOURS GENERATOR ON LINE:	677.9	5563.5	103156.6
15.	UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWHt):	1620246	13260885	229767905
17.	GROSS ELECTRICAL ENERGY GENERATED (MWHe):	508850	4209910	73916590
18.	NET ELECTRICAL ENERGY GENERATED (MWHe):	485321	4024071	70304997
19.	UNIT SERVICE FACTOR:	91.1%	95.0%	70.6%
20.	UNIT AVAILABILITY FACTOR:	91.1%	95.0%	70.6%
21.	UNIT CAPACITY FACTOR (USING MDC NET):	88.0%	92.8%	64.2%
22.	UNIT CAPACITY FACTOR (USING DER NET):	84.0%	88.5%	61.7%
23.	UNIT FORCED OUTAGE RATE:	8.9%	3.6%	12.6%
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

AUGUST 1992

DOCKET NO.: 50-321
DATE: SEPTEMBER 2, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	735
2	736
3	725
4	736
5	735
6	736
7	731
8	726
9	733
10	734
11	734
12	734
13	734
14	735
15	736
16	736
17	736
18	735
19	735
20	735
21	734
22	734
23	734
24	734
25	708
26	681
27	55
28	0
29	2
30	460
31	718

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321
DATE: SEPTEMBER 2, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: AUGUST 1992

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-009	920827	F	66.07	H	3	1-92-021	HG	DEMINX	An automatic reactor scram occurred due to a Group I Isolation caused by an upscale spike on the Main Steam Line Radiation Monitors. The upscale spike most likely resulted from the introduction of organic contaminants into the reactor coolant while shift personnel were returning Condensate Demineralizer "1G" to service. Both HPCI and RCIC received automatic initiation signals during the transient; however, only RCIC injected because reactor water level increased above the HPCI injection setpoint before all injection permissives were met.

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
August 1992

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366
DATE: SEPTEMBER 2, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2878

AUGUST 1	0000	Shift continued to maintain maximum capable thermal power with the unit coasting down due to the insertion of control rods to minimize offgas release rates from a leaking fuel bundle.
AUGUST 7	2215	Shift began reducing load to approximately 550 GMWe by inserting control rods to maintain core octant symmetry due to inoperability of the "B" Traversing Incore Probe.
AUGUST 31	2400	Shift continued to maintain maximum capable thermal power with the unit in End-of-Cycle Coastdown and at reduced load due to inoperability of the "B" Traversing Incore Probe.

OPERATING DATA REPORT

DOCKET NO: 50-366
DATE: SEPTEMBER 2, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	AUGUST 1992
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):	765
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	5855	113736
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	5703.7	86565.2
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	5624.1	83443.7
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWHt):	1445760	13113125	185270262
17. GROSS ELECTRICAL ENERGY GENERATED (MWHe):	458370	4238330	60676450
18. NET ELECTRICAL ENERGY GENERATED (MWHe):	433238	4049038	57795452
19. UNIT SERVICE FACTOR:	100.0%	96.1%	73.4%
20. UNIT AVAILABILITY FACTOR:	100.0%	96.1%	73.4%
21. UNIT CAPACITY FACTOR (USING MDC NET):	76.1%	90.4%	66.5%
22. UNIT CAPACITY FACTOR (USING DER NET):	74.3%	88.2%	64.8%
23. UNIT FORCED OUTAGE RATE:	0.0%	1.6%	7.0%

24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
Refueling Outage: Tentatively scheduled for September 16, 1992; 60 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

AUGUST 1992

DOCKET NO: 50-366
DATE: SEPTEMBER 2, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	709
2	710
3	707
4	705
5	702
6	700
7	693
8	543
9	556
10	557
11	556
12	555
13	556
14	554
15	554
16	554
17	551
18	550
19	547
20	548
21	545
22	546
23	542
24	541
25	541
26	539
27	539
28	537
29	539
30	539
31	535

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366
DATE: SEPTEMBER 2, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: AUGUST 1992

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-004	920807	F	0	A	5	N/A	RB	CONROD	Shift personnel inserted control rods to maintain core octant symmetry due to inoperability of the "B" Traversing Incore Probe.

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.