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J. T. Beckham, Jr.
Vice President - Nuclear
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Georgia Power
the southern electric system

April 9, 1996

Docket Nos. 50-321
50-366

HL-5144

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

Edwin I. Hatch Nuclear Plant
Monthly Operating Reports

Gentlemen:

Enclosed are the March 1996 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 Technical Specifications requirements.

Sincerely,

J. T. Beckham, Jr.

SRP/sp

Enclosures:

1. March Monthly Operating Report for Plant Hatch Unit 1
2. March Monthly Operating Report for Plant Hatch Unit 2

cc: (See next page.)

IE24

cc: *Georgia Power Company*
Mr. H. L. Sumner, Nuclear Plant General Manager
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. B. L. Holbrook, Senior Resident Inspector - Hatch

Utility Data Institute, Inc.
Mr. Fred Yost, Director - Research Services

Enclosure 1

Plant Hatch Unit 1
Monthly Operating Report
March 1996

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321
DATE: APRIL 3, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

MARCH 1	0000	Shift continued to maintain maximum achievable thermal power.
MARCH 1	1035	Shift began reducing load to approximately 535 GMWe to perform Control Rod Drive Exercises on selected control rod drives. The servo strainers on Main Turbine Control Valves (TCVs) Nos. 1, 2, and 4 were replaced to inspect for clogging.
MARCH 1	1950	Shift began ascension to maximum achievable thermal power.
MARCH 2	0305	The unit attained maximum achievable thermal power.
MARCH 8	2004	Shift began reducing load to approximately 545 GMWe to perform Control Rod Drive Exercises on selected control rod drives.
MARCH 8	2125	Shift began ascension to maximum achievable thermal power.
MARCH 9	0517	The unit attained maximum achievable thermal power.
MARCH 9	1554	Shift began reducing load after receiving a partial (outboard) Group 2 Primary Containment Isolation signal. A faulty relay coil resulted in a blown Group 2 logic power fuse. The outboard Group 2 isolation valves closed, per design, upon loss of logic power. The fuse and relay coil were replaced, and the Group 2 isolation signal was reset.
MARCH 9	1702	Shift began ascension to maximum achievable thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
MARCH 9	2140	The unit attained maximum achievable thermal power.
MARCH 16	0145	Shift began reducing load to approximately 400 GMWe to remove Circulating Water Pump "B" from service for pre-outage maintenance on the pump motor.
MARCH 22	1938	Shift began reducing load in preparation for a unit shutdown.

PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321
DATE: APRIL 3, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

MARCH 23	0135	The unit entered the 16th Refueling Outage when Shift manually tripped the Main Turbine. Reactor power was reduced in preparation for shut down. When the turbine was shut down, reactor pressure increased and exceeded the high pressure scram setpoint, causing an automatic reactor shutdown, per design. The Main Turbine operating procedure did not require reactor pressure to be decreased to provide a sufficient margin between actual pressure and the high pressure scram setpoint prior to tripping the Main Turbine.
MARCH 26	2210	Shift began core unload.
MARCH 30	1811	Shift completed core unload.
MARCH 31	2400	Personnel continued activities associated with the 16th Refueling Outage.

OPERATING DATA REPORT

DOCKET NO.: 50-321
DATE: APRIL 3, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1.	UNIT NAME:	E. I. HATCH - UNIT ONE
2.	REPORT PERIOD:	MARCH 1996
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):	789
7.	MAXIMUM DEPENDABLE CAPACITY (NET MWe):	756
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	2184	177503
12.	NUMBER OF HOURS REACTOR WAS CRITICAL:	529.6	1923.4	136324.9
13.	REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14.	HOURS GENERATOR ON LINE:	529.6	1882.3	131142.4
15.	UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWHt):	945074	3903882	295712649
17.	GROSS ELECTRICAL ENERGY GENERATED (MWHe):	294930	1236382	95108714
18.	NET ELECTRICAL ENERGY GENERATED (MWHe):	276591	1169687	90533227
19.	UNIT SERVICE FACTOR:	71.0%	86.1%	73.9%
20.	UNIT AVAILABILITY FACTOR:	71.0%	86.1%	73.9%
21.	UNIT CAPACITY FACTOR (USING MDC NET):	49.2%	70.8%	68.1%
22.	UNIT CAPACITY FACTOR (USING DER NET):	47.9%	69.0%	65.4%
23.	UNIT FORCED OUTAGE RATE:	0.0%	4.4%	10.6%

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:
Generator on line tentatively scheduled for April 24, 1996.

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): N/A

PLANT E. I. HATCH - UNIT ONE

AVERAGE DAILY POWER LEVEL

MARCH 1996

DOCKET NO.: 50-321
DATE: APRIL 3, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	561
2	610
3	602
4	598
5	593
6	587
7	585
8	578
9	582
10	589
11	583
12	582
13	577
14	573
15	555
16	396
17	402
18	408
19	409
20	425
21	426
22	378
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

DOCKET NO.: 50-321
DATE: APRIL 3, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: MARCH 1996

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
96-002	960316	S	0.0	B	5	N/A	HF	MOTORX	Shift reduced load to approximately 400 GMWe to remove Circulating Water Pump "B" from service for pre-outage maintenance on the pump motor.
96-003	960323	S	214.4	C	3	96-004	RC	FUELX	The unit entered the 16th Refueling Outage when Shift manually tripped the Main Turbine. An automatic reactor scram occurred on high reactor pressure following the turbine trip. The Main Turbine operating procedure is being revised to provide a sufficient margin to the high pressure scram setpoint.

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
Monthly Operating Report
March 1996

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366
DATE: APRIL 3, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

MARCH 1	0000	Shift continued to maintain rated thermal power.
MARCH 12	0923	Shift began reducing load in preparation for a unit shutdown to replace Main Steam Line Safety/Relief Valves (SRVs) "D" and "H".
MARCH 12	1702	Shift manually scrammed the reactor in preparation for replacing Main Steam Line SRVs "D" and "H".
MARCH 14	2135	Shift began withdrawing control rods for unit startup.
MARCH 15	0308	Shift brought the reactor critical.
MARCH 16	0345	Shift tied the Main Generator to the grid and began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
MARCH 17	1556	The unit attained rated thermal power.
MARCH 18	0815	Shift began reducing load to approximately 685 GMWe to perform a Rod Pattern Adjustment.
MARCH 18	1208	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
MARCH 18	2027	The unit attained rated thermal power.
MARCH 23	1005	Shift began reducing load to approximately 660 GMWe to perform a Rod Pattern Adjustment.
MARCH 23	1305	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
MARCH 23	2340	The unit attained rated thermal power.
MARCH 31	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO: 50-366
DATE: APRIL 3, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	MARCH 1996
3. LICENSED THERMAL POWER (MWt):	2558
4. NAMEPLATE RATING (GROSS MWe):	850
5. DESIGN ELECTRICAL RATING (NET MWe):	784
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe):	844
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	809
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	2184	145129
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	685.9	2125.9	112607.5
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	661.3	2101.3	108752.2
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWHt):	1629554	5219207	241585008
17. GROSS ELECTRICAL ENERGY GENERATED (MWHe):	548839	1757507	79191766
18. NET ELECTRICAL ENERGY GENERATED (MWHe):	525637	1687227	75444688
19. UNIT SERVICE FACTOR:	88.9%	96.2%	74.9%
20. UNIT AVAILABILITY FACTOR:	88.9%	96.2%	74.9%
21. UNIT CAPACITY FACTOR (USING MDC NET):	87.3%	95.5%	68.0%
22. UNIT CAPACITY FACTOR (USING DER NET):	90.1%	98.5%	66.3%
23. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	6.9%
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

MARCH 1996

DOCKET NO: 50-366
DATE: APRIL 3, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	827
2	828
3	827
4	828
5	826
6	824
7	824
8	830
9	830
10	830
11	828
12	408
13	0
14	0
15	0
16	234
17	725
18	771
19	827
20	830
21	830
22	829
23	779
24	828
25	826
26	824
27	823
28	825
29	827
30	826
31	826

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366
DATE: APRIL 3, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: MARCH 1996

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
96-003	960312	F	82.7	A	2	N/A	CC	VALVEX (X) (B)	The unit was manually scrammed to replace Main Steam Line SRVs "D" and "H". Main Steam Line SRVs "D" and "H" were replaced, and the unit was returned to rated thermal power.

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.