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J. T. Beckham, Jr.
Vice President - Nuclear
Hatch Project



December 11, 1996

Docket Nos. 50-321
50-366

HL-5283

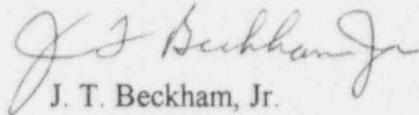
U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Edwin I. Hatch Nuclear Plant
Monthly Operating Reports

Gentlemen:

Enclosed are the November 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.

CLT/ct

Enclosures:

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

cc: Georgia Power Company

Mr. H. L. Sumner, Nuclear Plant General Manager
NORMS

U. S. Nuclear Regulatory Commission, Washington D. C.
Mr. K. Jabbour

U. S. Nuclear Regulatory Commission, Region II

Mr. S. D. Ebnetter, Regional Administrator
Mr. B. L. Holbrook, Senior Resident Inspector - Hatch

Utility Data Institute, Inc.

Mr. Fred Yost, Director - Research Services

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Enclosure 1

Plant Hatch Unit 1
Monthly Operating Report
November 1996

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: DECEMBER 3, 1996

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

NOVEMBER 1	0000	Shift continued to maintain rated thermal power.
NOVEMBER 3	0814	Shift began reducing load to approximately 580 GMWe to perform a Control Rod Sequence Exchange, Control Rod Scram Time Testing, Turbine Control Valve Testing, and to repair a flange leak in the drain system for the feedwater heaters.
NOVEMBER 3	2136	Shift began ascension to rated thermal power.
NOVEMBER 4	0500	The unit attained rated thermal power.
NOVEMBER 19	1741	Shift began reducing load after entering a Technical Specification Required Action Statement following the automatic closure of several Group II Primary Containment Isolation Valves, resulting in the isolation of the Drywell Leak Detection System. The isolation was determined to be the result of a relay failure. The relay coil was replaced and the isolation signal reset.
NOVEMBER 19	1940	Shift began ascension to rated thermal power.
NOVEMBER 19	1950	The unit attained rated thermal power.
NOVEMBER 30	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: DECEMBER 3, 1996
 COMPLETED BY: R. M. BEARD
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	NOVEMBER 1996
3. LICENSED THERMAL POWER (MWt):	2558
4. NAMEPLATE RATING (GROSS MWe):	850
5. DESIGN ELECTRICAL RATING (NET MWe):	822.1
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe):	840
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	805
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:	720.0	8040	183359
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	7087.3	141488.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	720.0	6923.3	136183.4
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1827821	16603767	308412534
17. GROSS ELECTRICAL ENERGY GENERATED (MWh):	600985	5364162	99236494
18. NET ELECTRICAL ENERGY GENERATED (MWh):	576758	5118570	9448710
19. UNIT SERVICE FACTOR:	100.0%	86.1%	74.3%
20. UNIT AVAILABILITY FACTOR:	100.0%	86.1%	74.3%
21. UNIT CAPACITY FACTOR (USING MDC NET):	99.5%	80.9%	68.8%
22. UNIT CAPACITY FACTOR (USING DER NET):	97.4%	79.0%	66.1%
23. UNIT FORCED OUTAGE RATE:	0.0%	2.8%	10.3%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	4 Day Maintenance Outage tentatively scheduled for January 10, 1997.		
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
NOVEMBER 1996

DOCKET NO.: 50-321
DATE: DECEMBER 3, 1996
COMPLETED BY: R. M. BEARD
TELEPHONE: (912) 367-7781 x2878

<u>DAY</u>	<u>Net MWe</u>
1	803
2	805
3	649
4	788
5	803
6	801
7	798
8	803
9	811
10	811
11	811
12	811
13	810
14	809
15	810
16	810
17	809
18	807
19	805
20	806
21	804
22	809
23	810
24	807
25	802
26	807
27	811
28	811
29	810
30	804

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: DECEMBER 3, 1996

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: NOVEMBER 1996

NO.	DATE	TYPE	DURATION (HOURS)	REASON	LICENSEE EVENT REPORT NUMBER	SYSTEM TO ED ME	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
								No significant power reductions occurred 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.

Enclosure 2

**Plant Hatch Unit 2
Monthly Operating Report
November 1996**

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO.: 50-366

DATE: DECEMBER 3, 1996

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

NOVEMBER 1	0000	Shift continued to maintain rated thermal power.
NOVEMBER 17	0800	Shift began reducing load to approximately 540 GMWe to perform a Control Rod Sequence Exchange, Control Rod Scram Time Testing, Turbine Control Valve Testing, and inspection and replacement of selected servo-strainers in the Turbine Electro-Hydraulic Control (EHC) System.
NOVEMBER 17	2350	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
NOVEMBER 18	0805	The unit attained rated thermal power.
NOVEMBER 30	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-366
 DATE: DECEMBER 3, 1996
 COMPLETED BY: R. M. BEARD
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORT PERIOD:	NOVEMBER 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:	720.0	8040	150985
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	7933.1	118414.7
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	720.0	7895.7	114546.7
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh _t):	1825039	19958724	256324525
17. GROSS ELECTRICAL ENERGY GENERATED (MWh _e):	612612	6681188	84115447
18. NET ELECTRICAL ENERGY GENERATED (MWh _e):	587838	6407539	80165000
19. UNIT SERVICE FACTOR:	100.0%	98.2%	75.9%
20. UNIT AVAILABILITY FACTOR:	100.0%	98.2%	75.9%
21. UNIT CAPACITY FACTOR (USING MDC NET):	100.9%	98.5%	69.5%
22. UNIT CAPACITY FACTOR (USING DER NET):	104.1%	101.7%	67.7%
23. UNIT FORCED OUTAGE RATE:	0.0%	0.8%	6.6%

24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
 30 Day Refueling Outage tentatively scheduled for March 15, 1997.

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
NOVEMBER 1996

DOCKET NO.: 50-366
DATE: DECEMBER 3, 1996
COMPLETED BY: R. M. BEARD
TELEPHONE: (912) 367-7781 x2878

<u>DAY</u>	<u>Net MWe</u>
1	822
2	822
3	828
4	825
5	822
6	818
7	815
8	820
9	827
10	827
11	827
12	827
13	827
14	826
15	827
16	825
17	630
18	791
19	819
20	821
21	821
22	825
23	826
24	824
25	821
26	824
27	827
28	827
29	827
30	823

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO.: 50-366

DATE: DECEMBER 3, 1996

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: NOVEMBER 1996

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
96-005	11/17/96	S	0	B	5	N/A	RC RB HA HB	FUELXX CRDRVE VALVOP (C) FILTER	Shift reduced load to approximately 540 GMWe to perform a Control Rod Sequence Exchange, Control Rod Scram Time Testing, Turbine Control Valve Testing, and inspect and replace selected servo-strainers in the Turbine Electro-Hydraulic Control (EHC) System.

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.