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



January 9, 1996

Docket Nos. 50-321
50-366

HL-5098

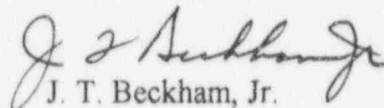
U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Edwin I. Hatch Nuclear Plant
Monthly Operating Reports

Gentlemen:

Enclosed are the December 1995 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/eb

Enclosures:

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

cc: (See next page.)

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U. S. Nuclear Regulatory Commission
January 9, 1996

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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. Ebnetter, 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
December 1995**

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: JANUARY 5, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

DECEMBER 1 0000 Shift continued to maintain rated thermal power.

DECEMBER 2 0220 Shift began reducing load to approximately 720 GMWe to perform Control Rod Drive Exercises on selected control rod drives.

DECEMBER 2 0519 The unit attained rated thermal power.

DECEMBER 8 1505 The unit entered End-of-Cycle Coastdown due to core configuration. Reducing power in areas of potentially leaking fuel.

DECEMBER 8 2305 Shift began reducing load to approximately 720 GMWe to perform Control Rod Drive Exercises on selected control rod drives.

DECEMBER 9 0150 The unit attained maximum achievable thermal power.

DECEMBER 16 0233 Reactor Recirculation Pump "B" tripped due to a faulty resistor in motor generator set voltage control circuit. Reactor Recirculation Pump "A" ran back to Speed Limiter No. 2. The unit stabilized at approximately 230 GMWe.

DECEMBER 17 1930 Shift began ascension to maximum achievable thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.

DECEMBER 18 1040 Shift began reducing load to approximately 535 GMWe to perform a Rod Pattern Adjustment and remove 5th Stage Feedwater Heater "B" from service for final feedwater temperature reduction.

DECEMBER 18 1705 Shift began ascension to maximum achievable thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.

DECEMBER 19 1750 The unit attained maximum achievable thermal power.

DECEMBER 22 2155 Shift began reducing load to approximately 720 GMWe to perform Control Rod Drive Exercises on selected control rod drives.

DECEMBER 22 2300 Shift began ascension to maximum achievable thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.

DECEMBER 23 1330 The unit attained maximum achievable thermal power.

DECEMBER 29 2020 Shift began reducing load to approximately 720 GMWe to perform Control Rod Drive Exercises on selected control rod drives.

PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: JANUARY 5, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

DECEMBER 29	2200	Shift began ascension to maximum achievable thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
DECEMBER 30	1005	The unit attained maximum achievable thermal power.
DECEMBER 31	2400	Shift continued to maintain maximum achievable thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: JANUARY 5, 1996
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

- | | |
|---|------------------------|
| 1. UNIT NAME: | E. I. HATCH - UNIT ONE |
| 2. REPORT PERIOD: | DECEMBER 1995 |
| 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	8760	175319
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	8760.0	134401.6
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	8760.0	129260.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWhT):	1719290	20756427	291808767
17. GROSS ELECTRICAL ENERGY GENERATED (MWhE):	560066	6760016	93872332
18. NET ELECTRICAL ENERGY GENERATED (MWhE):	534265	6465834	89363540
19. UNIT SERVICE FACTOR:	100.0%	100.0%	73.7%
20. UNIT AVAILABILITY FACTOR:	100.0%	100.0%	73.7%
21. UNIT CAPACITY FACTOR (USING MDC NET):	96.9%	99.6%	68.1%
22. UNIT CAPACITY FACTOR (USING DER NET):	92.5%	95.1%	65.4%
23. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	10.6%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	42 Day Refueling Outage tentatively scheduled for March 23, 1996.		
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
DECEMBER 1995

DOCKET NO.: 50-321
DATE: JANUARY 5, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	766
2	760
3	765
4	763
5	759
6	761
7	761
8	761
9	763
10	764
11	761
12	59
13	754
14	749
15	745
16	268
17	438
18	582
19	699
20	756
21	756
22	744
23	736
24	750
25	746
26	744
27	740
28	739
29	721
30	724
31	725

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: JANUARY 5, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: DECEMBER 1995

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
95-007	951216	F	0.0	A	5	N/A	CB	INSTRU (C)	<p>Reactor Recirculation Pump "B" tripped due to a faulty resistor in the motor generator set voltage control circuit. Reactor Recirculation Pump "A" ran back to Speed Limiter No. 2. The unit stabilized at approximately 230 GMWe.</p> <p>The faulty resistor was replaced.</p>

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
December 1995**

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PLANT E. I. HATCH - UNIT TWO
NARRATIVE REPORT

DOCKET NO: 50-366
DATE: JANUARY 5, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

DECEMBER 1 0000 The unit continued to maintain 95% of rated thermal power with Power Uprate Testing in progress.

DECEMBER 1 1602 Shift began ascension to 98% of rated thermal power for power uprate monitoring.

DECEMBER 1 1712 The unit attained 98% of rated thermal power.

DECEMBER 2 1720 Shift began reducing load to approximately 635 GMWe to perform a Rod Pattern Adjustment, Control Rod Drive Exercises for selected control rod drives, and Turbine Control Valve Testing, and to collect data for calculation of Recirculation Pump high speed stops.

DECEMBER 2 2337 Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.

DECEMBER 3 0852 The unit attained rated thermal power.

DECEMBER 23 0802 Shift began reducing load to approximately 690 GMWe to perform a Rod Pattern Adjustment and Control Rod Drive Exercises for selected control rod drives.

DECEMBER 23 1515 Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.

DECEMBER 24 0118 The unit attained rated thermal power.

DECEMBER 24 0850 Shift began reducing load to approximately 690 GMWe when a relay failed causing extraction steam to the 7th Stage Feedwater Heater "B" to be isolated.

DECEMBER 24 1915 Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.

DECEMBER 25 0140 The unit attained rated thermal power.

DECEMBER 31 2400 Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO: 50-366
 DATE: JANUARY 5, 1996
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2876

OPERATING STATUS:

- | | |
|---|------------------------|
| 1. UNIT NAME: | E. I. HATCH - UNIT TWO |
| 2. REPORTING PERIOD: | DECEMBER 1995 |
| 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: | |

Gross Maximum Dependable Capacity (Item #6) was increased from 798 to 844 MWe, and Net Maximum Dependable Capacity (Item #7) was increased from 765 to 809 MWe due to Power Uprate.

- | | |
|---|-----------------|
| 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	8760	142945
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	7121.8	110481.6
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	6889.4	106650.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1881180	16104877	236365801
17. GROSS ELECTRICAL ENERGY GENERATED (MWh):	635134	5296209	77434259
18. NET ELECTRICAL ENERGY GENERATED (MWh):	610315	5051646	73757461
19. UNIT SERVICE FACTOR:	100.0%	78.6%	74.6%
20. UNIT AVAILABILITY FACTOR:	100.0%	78.6%	74.6%
21. UNIT CAPACITY FACTOR (USING MDC NET):	101.4%	75.0%	67.5%
22. UNIT CAPACITY FACTOR (USING DER NET):	104.6%	73.6%	65.8%
23. UNIT FORCED OUTAGE RATE:	0.0%	6.1%	7.0%
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
DECEMBER 1995

DOCKET NO: 50-366
DATE: JANUARY 5, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	797
2	774
3	811
4	827
5	824
6	826
7	827
8	832
9	829
10	832
11	832
12	831
13	830
14	828
15	826
16	825
17	827
18	826
19	825
20	831
21	832
22	832
23	752
24	743
25	831
26	831
27	831
28	832
29	831
30	829
31	825

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366
 DATE: JANUARY 5, 1996
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: DECEMBER 1995

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM	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.