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



September 12, 1994

Docket Nos. 50-321
50-366

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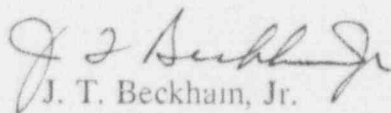
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Edwin I. Hatch Nuclear Plant
Monthly Operating Reports

Gentlemen:

Enclosed are the August 1994 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 Specification 6.9.1.10.

Sincerely,


J. T. Beckham, Jr.

Enclosures:

1. August Operating Report for Plant Hatch - Unit 1
2. August Operating Report for Plant Hatch - Unit 2

c: (See next page.)

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U.S. Nuclear Regulatory Commission
September 12, 1994

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c: 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
August 1994

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Enclosure 2

Plant Hatch Unit 2 *Monthly Operating Report* August 1994

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: SEPTEMBER 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

AUGUST 1	0000	Shift continued to maintain rated thermal power.
AUGUST 27	2309	Shift began reducing load to approximately 530 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing.
AUGUST 28	0142	Shift began ascension to rated thermal power.
AUGUST 28	0300	Rated thermal power was attained.
AUGUST 31	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: SEPTEMBER 1, 1994
 COMPLETED BY: T. W. TIDWELL
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	AUGUST 1994
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	5831	163630
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	5765.9	123769.3
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	5747.4	118703.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1809283	13814935	266923469
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	576730	4431060	85775390
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	551219	4237626	81628120
19. UNIT SERVICE FACTOR:	100.0%	98.6%	72.5%
20. UNIT AVAILABILITY FACTOR:	100.0%	98.6%	72.5%
21. UNIT CAPACITY FACTOR (USING MDC NET):	100.0%	98.1%	66.6%
22. UNIT CAPACITY FACTOR (USING DER NET):	95.4%	93.6%	64.0%
23. UNIT FORCED OUTAGE RATE:	0.0%	1.4%	11.4%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
47 Day Refueling Outage tentatively scheduled for September 21, 1994.			
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 1994

DOCKET NO.: 50-321

DATE: SEPTEMBER 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	741
2	740
3	739
4	741
5	743
6	744
7	743
8	748
9	748
10	744
11	744
12	738
13	740
14	738
15	740
16	740
17	740
18	740
19	740
20	739
21	740
22	741
23	740
24	740
25	746
26	744
27	734
28	731
29	743
30	739
31	740

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

REPORT MONTH: AUGUST 1994

DOCKET NO.: 50-321

DATE: SEPTEMBER 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

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

PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366

DATE: SEPTEMBER 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

AUGUST 1	0000	Shift continued to maintain rated thermal power.
AUGUST 6	2030	Shift began reducing load to approximately 750 GMWe to perform Control Rod Drive Exercises on selected rods.
AUGUST 6	2153	Shift began ascension to rated thermal power.
AUGUST 7	0048	Rated thermal power was attained.
AUGUST 13	2216	Shift began reducing load to approximately 750 GMWe to perform Control Rod Drive Exercises on selected rods.
AUGUST 14	0030	Shift began ascension to rated thermal power.
AUGUST 14	0129	Rated thermal power was attained.
AUGUST 20	0800	Shift began reducing load to approximately 600 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing.
AUGUST 20	1057	Shift continued to reduce load to approximately 480 GMWe to perform a Control Rod Sequence Exchange and Control Rod Scram Time Testing on selected rods.
AUGUST 21	0040	Shift began withdrawing control rods for ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
AUGUST 22	2045	Rated thermal power was attained.
AUGUST 24	2315	Shift began reducing load to approximately 790 GMWe to perform a Control Rod Pattern Adjustment.
AUGUST 24	2355	Shift began ascension to rated thermal power.
AUGUST 25	0200	Rated thermal power was attained.
AUGUST 27	2120	Shift began reducing load to approximately 760 GMWe to perform Control Rod Drive Exercises on selected rods.
AUGUST 27	2220	Shift began ascension to rated thermal power.
AUGUST 27	2305	Rated thermal power was attained.

PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366
DATE: SEPTEMBER 1, 1994
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2878

AUGUST 30 1005 The unit experienced an automatic reactor scram when Reactor Protection System (RPS) electrical bus 2A was being transferred from its alternate to its normal supply. When the power supply transfer switch was moved from the "ALT A" position to the "NORM" position, power was unexpectedly interrupted to RPS bus 2B. The interruption in power resulted in the sequential deenergization of both RPS busses, causing a full reactor scram signal. The event was caused by inadvertently moving the switch beyond its center position when transferring from "ALT A" to the "NORM" position.

AUGUST 31 1523 Shift began withdrawing control rods for unit startup.

AUGUST 31 2400 Shift continued unit startup activities.

OPERATING DATA REPORT

DOCKET NO: 50-366
 DATE: SEPTEMBER 1, 1994
 COMPLETED BY: T. W. TIDWELL
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	AUGUST 1994
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):	798
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	5831	131256
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	705.1	4691.7	100431.9
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	705.1	4619.2	96845.2
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1687501	9801631	213273505
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	554560	3202960	69817700
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	529916	3047529	66482220
19. UNIT SERVICE FACTOR:	94.8%	79.2%	73.8%
20. UNIT AVAILABILITY FACTOR:	94.8%	79.2%	73.8%
21. UNIT CAPACITY FACTOR (USING MDC NET):	93.1%	68.3%	66.3%
22. UNIT CAPACITY FACTOR (USING DER NET):	90.8%	66.7%	64.6%
23. UNIT FORCED OUTAGE RATE:	5.2%	2.6%	7.2%
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:			9/1/94
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):			N/A

PLANT E. I. HATCH - UNIT TWO

AVERAGE DAILY POWER LEVEL

AUGUST 1994

DOCKET NO: 50-366

DATE: SEPTEMBER 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	764
2	765
3	761
4	763
5	764
6	762
7	766
8	771
9	771
10	769
11	765
12	763
13	763
14	764
15	765
16	764
17	765
18	766
19	766
20	573
21	607
22	740
23	767
24	763
25	769
26	767
27	765
28	766
29	766
30	279
31	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: SEPTEMBER 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: AUGUST 1994

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE NAME	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
94-008	940820	S	0.0	F	5	N/A	RC RB	FUELXX CONROD	Shift reduced load to approximately 480 GMWe to perform a Control Rod Sequence Exchange and Control Rod Scram Time Testing on selected rods.
94-009	940830	F	38.9	H	3	2-94-007	IA	INSTRU (S)	<p>The unit experienced an automatic reactor scram when RPS electrical bus 2A was being transferred from its alternate to its normal supply. The event was caused by inadvertently moving the switch beyond its center position when transferring from "ALT A" to the "NORM" position.</p> <p>The RPS power supply transfer switch was replaced. Final corrective action may include changing the type of switch used for this application.</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.