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



July 8, 1994

Docket Nos. 50-321  
50-366

HL-4647  
000005

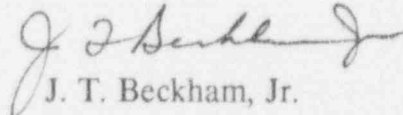
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Edwin I. Hatch Nuclear Plant  
Monthly Operating Reports

Gentlemen:

Enclosed are the June 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.

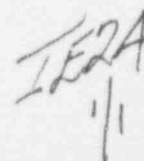
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Enclosures:

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

c: (See next page.)

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U.S. Nuclear Regulatory Commission  
July 8, 1994

Page 2

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*  
*June 1994*

**Table of Contents**

	<u>Page</u>
Narrative Report	E1-1
Operating Data Report	E1-2
Average Daily Power Level	E1-3
Unit Shutdowns and Power Reductions	E1-4

PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: JULY 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

JUNE 1	0000	Shift continued to maintain rated thermal power.
JUNE 5	1000	Shift began reducing load to approximately 620 GMWe for an entry into the Condenser Bay to inspect the No. 2 Main Turbine Stop Valve Servo Strainer. The inspection was a precautionary measure to ensure that impurities in the Electro Hydraulic Control System would not clog the valve strainers.
JUNE 5	1305	Shift began ascension to rated thermal power.
JUNE 5	1410	Rated thermal power was attained.
JUNE 10	2120	Shift began reducing load to approximately 290 GMWe to repair steam leaks in the Condenser Bay located on the A/B Moisture Separator Reheater Drain Tank manway cover. Turbine Control Valve and Turbine Bypass Valve Testing, and Control Rod Scram Time Testing for selected rods were performed while at reduced load.
JUNE 12	1544	Shift began ascension to rated thermal power.
JUNE 12	2230	Rated thermal power was attained.
JUNE 30	2400	Shift continued to maintain rated thermal power.

# OPERATING DATA REPORT

DOCKET NO.: 50-321  
 DATE: JULY 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:	JUNE 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:	720.0	4343	162142
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	4277.9	122281.3
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	720.0	4259.4	117215.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1686098	10198169	263306703
17. GROSS ELECTRICAL ENERGY GENERATED (MWHe):	537310	3278840	84623170
18. NET ELECTRICAL ENERGY GENERATED (MWHe):	512905	3136483	80526977
19. UNIT SERVICE FACTOR:	100.0%	98.1%	72.3%
20. UNIT AVAILABILITY FACTOR:	100.0%	98.1%	72.3%
21. UNIT CAPACITY FACTOR (USING MDC NET):	96.1%	97.5%	66.3%
22. UNIT CAPACITY FACTOR (USING DER NET):	91.8%	93.0%	63.7%
23. UNIT FORCED OUTAGE RATE:	0.0%	1.9%	11.6%
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

JUNE 1994

DOCKET NO.: 50-321

DATE: JULY 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1 .....	745
2 .....	743
3 .....	744
4 .....	743
5 .....	724
6 .....	744
7 .....	745
8 .....	742
9 .....	743
10 .....	701
11 .....	251
12 .....	393
13 .....	741
14 .....	741
15 .....	742
16 .....	743
17 .....	744
18 .....	744
19 .....	744
20 .....	743
21 .....	741
22 .....	738
23 .....	742
24 .....	741
25 .....	744
26 .....	744
27 .....	740
28 .....	738
29 .....	741
30 .....	742

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: JULY 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: JUNE 1994

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
94-003	940610	S	0.0	B	5	N/A	HJ	HTEXCH (A)	Shift reduced load to approximately 290 GMWe to repair steam leaks in the Condenser Bay located on the A/B Moisture Separator Reheater Drain Tank manway cover. The leaks were minimized, 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.

**Enclosure 2**

**Plant Hatch Unit 2**  
***Monthly Operating Report***  
**June 1994**

**Table of Contents**

	<u>Page</u>
Narrative Report	E2-1
Operating Data Report	E2-2
Average Daily Power Level	E2-3
Unit Shutdowns and Power Reductions	E2-4



## PLANT E. I. HATCH - UNIT TWO

## NARRATIVE REPORT

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

JUNE 1	0000	Shift continued to maintain rated thermal power.
JUNE 2	1600	Shift began reducing load to approximately 550 GMWe when the "A" Circulating Water Pump was disabled by a lightning strike.
JUNE 4	1130	Shift began ascension to rated thermal power.
JUNE 5	0043	Rated thermal power was attained.
JUNE 6	0000	Shift began reducing load to approximately 750 GMWe to perform a Control Rod Pattern Adjustment.
JUNE 6	0118	Shift began ascension to rated thermal power.
JUNE 6	0455	Rated thermal power was attained.
JUNE 9	1444	Shift began reducing load to approximately 780 GMWe to remove the "B" Circulating Water Pump from service when the shaft packing ring retainer and packing follower began backing out of position. Repair was completed with the pump in service.
JUNE 9	1545	Shift began ascension to rated thermal power.
JUNE 9	1600	Rated thermal power was attained.
JUNE 11	2230	Shift began reducing load to approximately 740 GMWe to perform Control Rod Drive Exercises on selected rods.
JUNE 11	2310	Shift began ascension to rated thermal power.
JUNE 11	2338	Rated thermal power was attained.
JUNE 18	2214	Shift began reducing load to approximately 760 GMWe to perform Control Rod Drive Exercises on selected rods.
JUNE 18	2242	Shift began ascension to rated thermal power.
JUNE 19	0050	Rated thermal power was attained.
JUNE 25	2240	Shift began reducing load to approximately 760 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing, and Control Rod Drive Exercises on selected rods.
JUNE 26	0055	Shift began ascension to rated thermal power.
JUNE 26	0520	Rated thermal power was attained.
JUNE 30	2400	Shift continued to maintain rated thermal power.

# OPERATING DATA REPORT

DOCKET NO: 50-366  
 DATE: JULY 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:	JUNE 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:	720.0	4343	129768
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	3242.6	98982.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	720.0	3170.1	95396.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1718615	6306164	209778038
17. GROSS ELECTRICAL ENERGY GENERATED (MWe):	563750	2053750	68668490
18. NET ELECTRICAL ENERGY GENERATED (MWe):	540127	1948171	65362862
19. UNIT SERVICE FACTOR:	100.0%	73.0%	73.5%
20. UNIT AVAILABILITY FACTOR	100.0%	73.0%	73.5%
21. UNIT CAPACITY FACTOR (USING MDC NET):	98.1%	58.6%	65.9%
22. UNIT CAPACITY FACTOR (USING DER NET):	95.7%	57.2%	64.3%
23. UNIT FORCED OUTAGE RATE:	0.0%	2.6%	7.3%
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

JUNE 1994

DOCKET NO: 50-366

DATE: JULY 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1 .....	769
2 .....	677
3 .....	533
4 .....	645
5 .....	764
6 .....	765
7 .....	767
8 .....	764
9 .....	764
10 .....	767
11 .....	764
12 .....	768
13 .....	768
14 .....	766
15 .....	765
16 .....	765
17 .....	764
18 .....	765
19 .....	767
20 .....	769
21 .....	765
22 .....	763
23 .....	766
24 .....	767
25 .....	754
26 .....	758
27 .....	764
28 .....	762
29 .....	765
30 .....	766

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: JULY 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: JUNE 1994

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 P M E	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
94-007	940602	F	0.0	H	5	N/A	HF	PUMPXX (B)	Shift reduced load to approximately 550 GMWe when the "A" Circulating Water Pump was disabled by a lightning strike. The "A" Circulating Water Pump was repaired, 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.