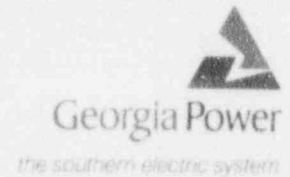


Georgia Power Company
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, Alabama 35201
Telephone 205 877-7279

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



June 13, 1994

Docket Nos. 50-321
50-366

HL-4616
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 May 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.

SRP/sp

Enclosures:

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

c: (See next page.)

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U.S. Nuclear Regulatory Commission
June 13, 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
May 1994

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

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

MAY 1 0000 Shift continued to maintain rated thermal power.

MAY 7 1950 Shift began reducing load to approximately 600 GMWe to perform quarterly Turbine Control Valve and Turbine Bypass Valve Testing.

MAY 7 2318 Shift began ascension to rated thermal power.

MAY 8 0008 Rated thermal power was attained.

MAY 20 2200 Shift began reducing load to approximately 280 GMWe to repair steam leaks in the Condenser Bay located on the 10th Stage Extraction Steam Piping and manway covers on the Moisture Separator Reheaters. While at reduced load, shift also performed monthly Turbine Control Valve and Turbine Bypass Valve Testing.

MAY 22 1500 Shift began ascension to rated thermal power.

MAY 23 1415 Rated thermal power was attained.

MAY 31 2400 Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: JUNE 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: MAY 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	3623	161422
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	3557.9	121561.3
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	3539.4	116495.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1741162	8512071	261620605
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	558490	2741530	84085860
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	533647	2623578	80014072
19. UNIT SERVICE FACTOR:	100.0%	97.7%	72.2%
20. UNIT AVAILABILITY FACTOR:	100.0%	97.7%	72.2%
21. UNIT CAPACITY FACTOR (USING MDC NET):	96.8%	97.7%	66.2%
22. UNIT CAPACITY FACTOR (USING DER NET):	92.4%	93.3%	63.6%
23. UNIT FORCED OUTAGE RATE:	0.0%	2.3%	11.6%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	60 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

MAY 1994

DOCKET NO.: 50-321

DATE: JUNE 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	747
2	749
3	746
4	749
5	752
6	752
7	726
8	750
9	752
10	749
11	750
12	745
13	748
14	746
15	743
16	744
17	749
18	752
19	754
20	749
21	259
22	310
23	732
24	749
25	748
26	748
27	745
28	749
29	748
30	748
31	747

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: JUNE 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: MAY 1994

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
94-002	940520	S	0.0	B	5	N/A	HJ	PIPEXX (E) HTEXCH (A)	Shift reduced load to approximately 280 GMWe to repair steam leaks in the Condenser Bay located on the 10th Stage Extraction Steam Piping and the Moisture Separator Reheater manway covers.

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
May 1994**

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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: JUNE 1, 1994
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2878

MAY 1	0000	Shift maintained the unit in hot shutdown while repair of the Feedwater Injection Valve continued.
MAY 2	2257	Shift began withdrawing control rods for unit startup.
MAY 3	0230	Shift brought the reactor critical.
MAY 4	0525	Shift tied the unit to the grid and began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
MAY 8	0033	Shift began reducing load to approximately 550 GMWe to perform a Control Rod Pattern Adjustment.
MAY 8	1300	Shift began ascension to rated thermal power
MAY 10	1420	The unit attained rated thermal power.
MAY 15	0020	Shift began reducing load to approximately 780 GMWe to perform Control Rod Drive Exercises.
MAY 15	0116	Shift began ascension to rated thermal power.
MAY 15	0240	The unit attained rated thermal power.
MAY 22	0120	Shift began reducing load to approximately 780 GMWe to perform Control Rod Drive Exercises.
MAY 22	0204	Shift began ascension to rated thermal power.
MAY 22	0256	The unit attained rated thermal power.
MAY 28	0003	Shift began reducing load to approximately 560 GMWe to perform a Control Rod Pattern Adjustment and Turbine Control Valve and Turbine Bypass Valve Testing.
MAY 28	0433	Shift began ascension to rated thermal power.
MAY 29	1345	The unit attained rated thermal power.
MAY 29	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO: 50-366
 DATE: JUNE 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: | MAY 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	3623	129048
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	693.5	2522.6	98262.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	666.6	2450.1	94676.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1507003	4587549	208059424
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	496900	1490000	68104740
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	474341	1408044	64842735
19. UNIT SERVICE FACTOR:	89.6%	67.6%	73.4%
20. UNIT AVAILABILITY FACTOR:	89.6%	67.6%	73.4%
21. UNIT CAPACITY FACTOR (USING MDC NET):	83.3%	50.8%	65.8%
22. UNIT CAPACITY FACTOR (USING DER NET):	81.3%	49.6%	64.1%
23. UNIT FORCED OUTAGE RATE:	10.4%	3.4%	7.4%
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

MAY 1994

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

DAY	Net MWe
1	0
2	0
3	0
4	121
5	452
6	633
7	660
8	519
9	649
10	751
11	772
12	768
13	768
14	768
15	766
16	766
17	771
18	774
19	774
20	777
21	776
22	773
23	773
24	771
25	771
26	771
27	762
28	624
29	754
30	771
31	771

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: JUNE 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: MAY 1994

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
94-004	940430	F	77.4	A	4	N/A	CH	VALVEX (E)	The unit was manually scrammed to repair one of the Feedwater Injection Valves which was mechanically bound and would not open. The valve internals and stem were replaced, and a hole was drilled in the wedge to prevent pressure locking.
94-005	940508	S	0.00	F	5	N/A	RC	FUELXX	Unit load was reduced to approximately 550 GMWe to perform a rod pattern adjustment.
94-006	940528	S	0.00	F	5	N/A	RC	FUELXX	Unit load was reduced to approximately 560 GMWe to perform a rod pattern adjustment.

TYPE:	REASON:	METHOD:	EVENTS REPORTED INVOLVE A GREATER THAN 20% REDUCTION IN AVERAGE DAILY POWER LEVEL FOR THE PRECEDING 24 HOURS.
F-FORCED	A-EQUIPMENT FAILURE (EXPLAIN)	1-MANUAL	
S-SCHEDULED	B-MAINTENANCE OR TEST	2-MANUAL SCRAM	
	C-REFUELING	3-AUTOMATIC SCRAM	
	D-REGULATORY RESTRICTION	4-CONTINUATIONS	
	E-OPERATOR TRAINING & LICENSE	5-LOAD REDUCTION	
	F-ADMINISTRATIVE	9-OTHER (EXPLAIN)	
	G-OPERATIONAL ERROR (EXPLAIN)		
	H-OTHER (EXPLAIN)		