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J. T. Beckham, Jr.
Vice President - Nuclear
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Georgia Power
the southern electric system

December 8, 1994

Docket Nos. 50-321
50-366

HL-4750
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 November 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. November Operating Report for Plant Hatch - Unit 1
2. November Operating Report for Plant Hatch - Unit 2

c: (See next page.)

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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. Ebneter, 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
November 1994

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

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

NOVEMBER 1	0000	Activities associated with the 15th Refueling Outage continued.
NOVEMBER 2	2341	Shift began withdrawing control rods for unit startup.
NOVEMBER 3	0135	Shift brought the reactor critical.
NOVEMBER 5	1658	Shift tied the Main Generator to the grid.
NOVEMBER 5	2210	Shift removed the Main Generator from the grid for Turbine Overspeed Trip Testing.
NOVEMBER 5	2300	Shift tied the unit to the grid and initiated ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
NOVEMBER 11	0320	The unit attained rated thermal power.
NOVEMBER 11	2237	Shift began reducing load to approximately 740 GMWe to perform Control Rod Drive Exercises for selected rod drives.
NOVEMBER 11	2312	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
NOVEMBER 12	0453	The unit attained rated thermal power.
NOVEMBER 18	2215	Shift began reducing load to approximately 740 GMWe to perform Control Rod Drive Exercises for selected rod drives.
NOVEMBER 18	2256	Shift began ascension to rated thermal power.
NOVEMBER 18	2340	Shift began reducing load to approximately 600 GMWe due to loss of feedwater heating caused by the isolation of several feedwater heaters.
NOVEMBER 19	0005	An automatic reactor scram occurred from Turbine Stop Valve Closure when a turbine trip signal was generated due to high water level in the Moisture Separator Reheater "A/B".
NOVEMBER 19	2013	Shift began withdrawing control rods for unit startup.
NOVEMBER 19	2309	Shift brought the reactor critical.
NOVEMBER 20	1026	Shift tied the unit to the grid and initiated ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.

PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

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

NOVEMBER 21	1754	The unit attained rated thermal power.
NOVEMBER 23	2055	Shift began reducing load to approximately 600 GMWe to remove the "B" Circulating Water Pump from service due to high temperatures at the lower guide bearing.
NOVEMBER 25	1714	Shift reduced load to approximately 550 GMWe to perform a Control Rod Pattern Adjustment.
NOVEMBER 25	1810	Shift completed Rod Pattern Adjustment. Shift continued to maintain reduced power level to complete repairs on the "B" Circulating Water Pump.
NOVEMBER 25	2342	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
NOVEMBER 26	1147	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 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:	NOVEMBER 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	8016	165815
12.	NUMBER OF HOURS REACTOR WAS CRITICAL:	648.5	6894.1	124897.6
13.	REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14.	HOURS GENERATOR ON LINE:	572.9	6799.6	119756.1
15.	UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWHt):	1189342	16136651	269245185
17.	GROSS ELECTRICAL ENERGY GENERATED (MWHe):	381440	5173450	86517780
18.	NET ELECTRICAL ENERGY GENERATED (MWHe):	362261	4937138	82327632
19.	UNIT SERVICE FACTOR:	79.6%	84.8%	72.2%
20.	UNIT AVAILABILITY FACTOR:	79.6%	84.8%	72.2%
21.	UNIT CAPACITY FACTOR (USING MDC NET):	67.9%	83.1%	66.3%
22.	UNIT CAPACITY FACTOR (USING DER NET):	64.8%	79.3%	63.7%
23.	UNIT FORCED OUTAGE RATE:	5.7%	1.7%	11.4%
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 ONE

AVERAGE DAILY POWER LEVEL

NOVEMBER 1994

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

DAY	Net MWe
1	0
2	0
3	0
4	0
5	12
6	139
7	300
8	409
9	414
10	596
11	764
12	766
13	767
14	764
15	765
16	764
17	768
18	729
19	0
20	162
21	673
22	763
23	734
24	562
25	568
26	714
27	748
28	751
29	760
30	764

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

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

REPORT MONTH: NOVEMBER 1994

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
94-005	940921	S	112.0	C	4	N/A	RC	FUELXX	Activities associated with the 15th Refueling Outage continued.
94-006	941105	S	0.8	B	5	N/A	HA	TURBIN	The generator was removed from the grid for Turbine Overspeed Trip Testing.
94-007	941119	F	34.3	H	3	1-94-014	HJ	VALVEX (A)	An automatic reactor scram occurred from Turbine Stop Valve Closure when a turbine trip signal was generated due to high water level in the Moisture Separator Reheater "A/B". Detailed cause of the malfunction and corrective actions are under investigation.

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

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

REPORT MONTH: NOVEMBER 1994

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
94-008	941123	F	0.0	B	5	N/A	HF	PUMPXX (B)	Shift reduced load to approximately 600 GMWe to remove the "B" Circulating Water Pump from service due to high temperatures at the lower guide bearing. The bearing was replaced and the pump was returned to service.

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 PRECEEDING 24 HOURS.

Enclosure 2

Plant Hatch Unit 2
Monthly Operating Report
November 1994

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

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

NOVEMBER 1	0000	Shift continued activities associated with ascension to rated thermal power after replacing the coupling between the "A" Reactor Feedwater Pump and Reactor Feedwater Pump Turbine.
NOVEMBER 1	1318	The unit attained rated thermal power.
NOVEMBER 2	0210	Shift reduced load to approximately 775 GMWe to perform a Control Rod Pattern Adjustment.
NOVEMBER 2	0352	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
NOVEMBER 2	0535	The unit attained rated thermal power.
NOVEMBER 6	0045	Shift began reducing load to approximately 740 GMWe to perform Control Rod Drive Exercises for selected rod drives.
NOVEMBER 6	0200	Shift began ascension to rated thermal power.
NOVEMBER 6	0235	The unit attained rated thermal power.
NOVEMBER 12	2001	Shift began reducing load to approximately 610 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing, and Control Rod Drive Exercises for selected rod drives.
NOVEMBER 12	2245	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
NOVEMBER 13	0245	The unit attained rated thermal power.
NOVEMBER 19	2138	Shift began reducing load to approximately 740 GMWe to perform Control Rod Drive Exercises for selected rod drives.
NOVEMBER 19	2305	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
NOVEMBER 20	0320	Alarms for 4th Stage Heater "A" High level and 6th, 7th, 10th, and 12th Stage Heaters "A" Low level were received. Investigation by Instrumentation and Control technicians revealed that a relay had failed and caused the extraction steam valve to the 6th Stage Heater "A" to isolate.

PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

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

NOVEMBER 20	2256	The relay was replaced and shift began ascension to rated thermal power.
NOVEMBER 20	2330	Rated thermal power was attained.
NOVEMBER 27	0015	Shift began reducing load to approximately 740 GMWe to perform Control Rod Drive Exercises for selected rod drives.
NOVEMBER 27	0045	Shift began ascension to rated thermal power.
NOVEMBER 27	0205	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 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:	NOVEMBER 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	8016	133441
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	6875.7	102615.9
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	720.0	6791.5	99017.5
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWHt):	1747754	14996072	218467946
17. GROSS ELECTRICAL ENERGY GENERATED (MWHe):	580490	4924780	71539520
18. NET ELECTRICAL ENERGY GENERATED (MWHe):	556712	4696876	68131567
19. UNIT SERVICE FACTOR:	100.0%	84.7%	74.2%
20. UNIT AVAILABILITY FACTOR:	100.0%	84.7%	74.2%
21. UNIT CAPACITY FACTOR (USING MDC NET):	101.1%	76.6%	66.8%
22. UNIT CAPACITY FACTOR (USING DER NET):	98.6%	74.7%	65.1%
23. UNIT FORCED OUTAGE RATE:	0.0%	2.0%	7.1%
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

NOVEMBER 1994

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

DAY	Net MWe
1	753
2	778
3	777
4	773
5	769
6	767
7	773
8	772
9	767
10	770
11	782
12	758
13	777
14	776
15	774
16	773
17	778
18	776
19	771
20	759
21	772
22	777
23	781
24	784
25	781
26	779
27	774
28	773
29	775
30	778

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

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

REPORT MONTH: NOVEMBER 1994

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