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



November 9, 1994

Docket Nos. 50-321
50-366

HL-4742
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 October 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. October Operating Report for Plant Hatch - Unit 1
2. October Operating Report for Plant Hatch - Unit 2

c: (See next page.)

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U.S. Nuclear Regulatory Commission
November 9, 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
October 1994

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: NOVEMBER 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

OCTOBER 1	0000	Activities associated with the 15th Refueling Outage continued.
OCTOBER 18	1115	Fuel reload into the reactor core began.
OCTOBER 22	0235	Reload of the reactor core was completed.
OCTOBER 31	2400	Activities associated with the 15th Refueling Outage continued.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: NOVEMBER 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:	OCTOBER 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:	745.0	7296	165095
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	0.0	6245.6	124249.1
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	0.0	6226.7	119183.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	0	14947309	268055843
17. GROSS ELECTRICAL ENERGY GENERATED (MWe):	0	4792010	86136340
18. NET ELECTRICAL ENERGY GENERATED (MWe):	-4988	4574877	81965371
19. UNIT SERVICE FACTOR:	0.0%	85.3%	72.2%
20. UNIT AVAILABILITY FACTOR:	0.0%	85.3%	72.2%
21. UNIT CAPACITY FACTOR (USING MDC NET):	0.0%	84.6%	66.3%
22. UNIT CAPACITY FACTOR (USING DER NET):	0.0%	80.8%	63.7%
23. UNIT FORCED OUTAGE RATE:	0.0%	1.3%	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:			
Generator on line November 5, 1994.			
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):			N/A

PLANT E. I. HATCH - UNIT ONE

AVERAGE DAILY POWER LEVEL

OCTOBER 1994

DOCKET NO.: 50-321

DATE: NOVEMBER 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: NOVEMBER 1, 1994

COMPLETED BY: T. W. IDWELL

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: OCTOBER 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	745.0	C	4	N/A	RC	FUELXX	Activities associated with the 15th Refueling Outage continued.

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
October 1994

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366

DATE: NOVEMBER 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

OCTOBER 1	0000	Shift continued to maintain rated thermal power.
OCTOBER 1	2133	Shift began reducing load to approximately 780 GMWe to perform Control Rod Exercises on selected rods.
OCTOBER 1	2216	Shift began ascension to rated thermal power.
OCTOBER 2	0025	Rated thermal power was attained.
OCTOBER 5	1520	Shift began reducing load to approximately 730 GMWe to perform a Control Rod Pattern Adjustment.
OCTOBER 5	1625	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
OCTOBER 6	0440	Rated thermal power was attained.
OCTOBER 8	2213	Shift began reducing load to approximately 760 GMWe to perform Control Rod Exercises on selected rods.
OCTOBER 8	2305	Shift began ascension to rated thermal power.
OCTOBER 9	0035	Rated thermal power was attained.
OCTOBER 15	1448	Shift began reducing load to approximately 580 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing, and Control Rod Drive Exercises on selected rods.
OCTOBER 15	1642	Shift began ascension to rated thermal power.
OCTOBER 15	2015	Rated thermal power was attained.
OCTOBER 17	0733	Trouble Alarm on panel 2H11-P650 was received. Alarms for 6th Stage Heater "B" High level, and 7th, 8th, and 10th Stage Heaters "B" Low Level were also received. Shift began reducing load to approximately 630 GMWe in anticipation of "Loss of Feedwater Heater." Investigation by Instrumentation and Control technicians revealed that relay 2N36-K4B had failed and caused the extraction steam valve to the 6th Stage Heater "B" to isolate.
OCTOBER 17	2035	Relay 2N36-K4B was replaced, and shift began ascension to rated thermal power.
OCTOBER 18	0220	Rated thermal power was attained.

PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366

DATE: NOVEMBER 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

OCTOBER 22	2259	Shift began reducing load to approximately 730 GMWe to perform Control Rod Exercises on selected rods.
OCTOBER 22	2357	Shift began ascension to rated thermal power.
OCTOBER 23	0225	Rated thermal power was attained.
OCTOBER 30	0050	Shift began reducing load to approximately 740 GMWe to perform Control Rod Exercises on selected rods, a Control Rod Pattern Adjustment, and Turbine Stop Valve Testing.
OCTOBER 30	0110	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
OCTOBER 30	1534	Rated thermal power was attained.
OCTOBER 30	1830	Shift received the "A" and "B" Reactor Feedwater Pump (RFP) "Excessive Vibration" annunciators and identified that the "A" RFP discharge pressure and flow were low. Shortly thereafter the Reactor Water Low Level alarm was received. The Reactor Recirculation System ran back as expected, and the unit stabilized at approximately 450 GMWe. Investigation revealed that the coupling between the "A" RFP and Reactor Feedwater Pump Turbine (RFPT) had failed.
OCTOBER 31	1515	The coupling was replaced, and shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
OCTOBER 31	2400	Shift continued activities associated with ascension to rated thermal power.

OPERATING DATA REPORT

DOCKET NO: 50-366
 DATE: NOVEMBER 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:	OCTOBER 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:	745.0	7296	132721
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	745.0	6155.7	101895.9
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	745.0	6071.5	98297.5
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1776564	13248318	216720192
17. GROSS ELECTRICAL ENERGY GENERATED (MWe):	590110	4344290	70959030
18. NET ELECTRICAL ENERGY GENERATED (MWe):	565456	4140164	67574855
19. UNIT SERVICE FACTOR:	100.0%	83.2%	74.1%
20. UNIT AVAILABILITY FACTOR:	100.0%	83.2%	74.1%
21. UNIT CAPACITY FACTOR (USING MDC NET):	99.2%	74.2%	66.6%
22. UNIT CAPACITY FACTOR (USING DER NET):	96.8%	72.4%	64.9%
23. UNIT FORCED OUTAGE RATE:	0.0%	2.2%	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
OCTOBER 1994

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

DAY	Net MWe
1	768
2	767
3	770
4	778
5	762
6	775
7	773
8	770
9	771
10	773
11	778
12	777
13	775
14	774
15	756
16	782
17	705
18	777
19	775
20	772
21	774
22	768
23	772
24	777
25	779
26	781
27	783
28	783
29	778
30	683
31	505

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

REPORT MONTH: OCTOBER 1994

DOCKET NO: 50-366

DATE: NOVEMBER 1, 1994

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

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
94-010	941031	F	0.0	A	5	N/A	CH	PUMPXX (B)	The coupling between the RFP and RFPT failed. The Reactor Recirculation System ran back as expected, and the unit stabilized at 450 GMWe. The coupling was replaced, and the unit was returned to rated thermal power.

TYPE:	REASON:	METHOD:	EVENTS REPORTED INVOLVE A GREATER THAN 20% REDUCTION IN AVERAGE DAILY POWER LEVEL FOR THE PRECEDING 24 HOURS.
F-FORCED S-SCHEDULED	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)	1-MANUAL 2-MANUAL SCRAM 3-AUTOMATIC SCRAM 4-CONTINUATIONS 5-LOAD REDUCTION 9-OTHER (EXPLAIN)	