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

November 7, 1996



Docket Nos. 50-321  
50-366

HL-5265

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 1996 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 Technical Specifications requirements.

Sincerely,

J. T. Beckham, Jr.

SMS/ld

Enclosures:

1. October Monthly Operating Report for Plant Hatch Unit 1
2. October Monthly Operating Report for Plant Hatch Unit 2

cc: Georgia Power Company

Mr. H. L. Sumner, Nuclear Plant General Manager  
NORMS

U. S. Nuclear Regulatory Commission, Washington D. C.  
Mr. K. Jabbour

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

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**Enclosure 1**

**Plant Hatch Unit 1  
Monthly Operating Report  
October 1996**

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**PLANT E. I. HATCH - UNIT ONE**

DOCKET NO.: 50-321  
DATE: NOVEMBER 5, 1996  
COMPLETED BY: S. B. ROGERS  
TELEPHONE: (912) 367-7781 x2878

**NARRATIVE REPORT**

OCTOBER 1	0000	Shift continued to maintain rated thermal power.
OCTOBER 4	2130	Shift began reducing load to approximately 805 GMWe to perform a Rod Pattern Adjustment, Control Rod Drive Exercises on selected control rod drives, and Turbine Stop Valve and Bypass Valve Testing.
OCTOBER 4	2330	Shift began ascension to rated thermal power.
OCTOBER 4	2345	The unit attained rated thermal power.
OCTOBER 5	0718	The unit experienced a partial loss of feedwater heating upon inadvertent isolation of extraction steam to the 8th Stage "A", 7th Stage "A", and 5th Stage "A" Feedwater Heaters.
OCTOBER 5	0720	Shift began reducing load to approximately 600 GMWe in response to the partial loss of feedwater heating.
OCTOBER 5	1230	All feedwater heaters were returned to service. Investigation revealed that the partial loss of feedwater heating was caused by a faulty control switch which resulted in closure of the 8th Stage "A" to 10th Stage "A" Feedwater Heater Low Level Dump Isolation Valve.
OCTOBER 5	1345	Shift began ascension to rated thermal power.
OCTOBER 5	1805	The unit attained rated thermal power.
OCTOBER 31	2400	Shift continued to maintain rated thermal power.

## OPERATING DATA REPORT

DOCKET NO.: 50-321  
 DATE: NOVEMBER 5, 1996  
 COMPLETED BY: S. B. ROGERS  
 TELEPHONE: (912) 367-7781 x2878

### OPERATING STATUS

1. UNIT NAME: 2. REPORT PERIOD: 3. LICENSED THERMAL POWER (MWt): 4. NAMEPLATE RATING (GROSS MWe): 5. DESIGN ELECTRICAL RATING (NET MWe): 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): 7. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWe): 10. REASONS FOR RESTRICTION, IF ANY:	E. I. HATCH - UNIT ONE OCTOBER 1996 2558 850 822.1 840 805 NO CHANGES NO RESTRICTIONS N/A
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	THIS MONTH	YEAR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	745.0	7320	182639
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	745.0	6367.3	140768.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	745.0	6203.3	135463.4
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh <sub>t</sub> ):	1899017	14775946	306584713
17. GROSS ELECTRICAL ENERGY GENERATED (MWh <sub>e</sub> ):	622616	4763177	98635509
18. NET ELECTRICAL ENERGY GENERATED (MWh <sub>e</sub> ):	597420	4541812	93905352
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):	99.6%	79.0%	68.7%
22. UNIT CAPACITY FACTOR (USING DER NET):	97.5%	77.2%	66.0%
23. UNIT FORCED OUTAGE RATE:	0.0%	3.1%	10.3%
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 ONE  
AVERAGE DAILY POWER LEVEL  
OCTOBER 1996

DOCKET NO.: 50-321  
DATE: NOVEMBER 5, 1996  
COMPLETED BY: S. B. ROGERS  
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1 .....	801
2 .....	801
3 .....	800
4 .....	802
5 .....	731
6 .....	807
7 .....	807
8 .....	802
9 .....	803
10 .....	807
11 .....	808
12 .....	807
13 .....	808
14 .....	806
15 .....	805
16 .....	803
17 .....	803
18 .....	804
19 .....	809
20 .....	810
21 .....	808
22 .....	804
23 .....	804
24 .....	809
25 .....	807
26 .....	800
27 .....	802
28 .....	800
29 .....	800
30 .....	799
31 .....	804

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**UNIT NAME: E. I. HATCH - UNIT ONE**

DOCKET NO.: 50-321  
 DATE: NOVEMBER 5, 1996  
 COMPLETED BY: S. B. ROGERS  
 TELEPHONE: (912) 367-7781 x2878

**REPORT MONTH: OCTOBER 1996**

NO.	DATE	TYPE	DURATION (HOURS)	REASON	LICENSEE EVENT REPORT NUMBER	SYSTEMS TO BE	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.

**Enclosure 2**

**Plant Hatch Unit 2  
Monthly Operating Report  
October 1996**

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**PLANT E. I. HATCH - UNIT TWO**

**NARRATIVE REPORT**

DOCKET NO.: 50-366  
DATE: NOVEMBER 5, 1996  
COMPLETED BY: S. B. ROGERS  
TELEPHONE: (912) 367-7781 x2878

OCTOBER 1	0000	Shift continued to maintain approximately 85% of rated thermal power to facilitate repair of the flange leak on the 7th Stage "A" to 8th Stage "A" Feedwater Heater Low Level Dump Valve.
OCTOBER 1	0250	Shift began ascension to rated thermal power.
OCTOBER 1	0447	The unit attained rated thermal power.
OCTOBER 20	2125	Shift began reducing load to approximately 830 GMWe to backwash and precoat Condensate Demineralizers "F" and "D".
OCTOBER 21	0002	Shift began ascension to rated thermal power.
OCTOBER 21	0147	The unit attained rated thermal power.
OCTOBER 27	0107	Shift began reducing load to approximately 830 GMWe to perform Turbine Stop Valve and Bypass Valve Testing.
OCTOBER 27	0133	Shift began ascension to rated thermal power.
OCTOBER 27	0146	The unit attained rated thermal power.
OCTOBER 31	2400	Shift continued to maintain rated thermal power.



## OPERATING DATA REPORT

DOCKET NO.: 50-366  
 DATE: NOVEMBER 5, 1996  
 COMPLETED BY: S. B. ROGERS  
 TELEPHONE: (912) 367-7781 x2878

### OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORT PERIOD:	OCTOBER 1996
3. LICENSED THERMAL POWER (MWt):	2558
4. NAMEPLATE RATING (GROSS MWe):	850
5. DESIGN ELECTRICAL RATING (NET MWe):	784
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe):	844
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	809
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	7320	150265
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	745.0	7213.1	117694.7
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	745.0	7175.7	113826.7
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1902907	18133685	254499486
17. GROSS ELECTRICAL ENERGY GENERATED (MWh):	637725	6068576	83502835
18. NET ELECTRICAL ENERGY GENERATED (MWh):	612078	5819701	79577162
19. UNIT SERVICE FACTOR:	100.0%	98.0%	75.8%
20. UNIT AVAILABILITY FACTOR:	100.0%	98.0%	75.8%
21. UNIT CAPACITY FACTOR (USING MDC NET):	101.6%	98.3%	69.3%
22. UNIT CAPACITY FACTOR (USING DER NET):	104.8%	101.4%	67.5%
23. UNIT FORCED OUTAGE RATE:	0.0%	0.9%	6.6%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
30 Day Refueling Outage tentatively scheduled for March 15, 1997.			
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 1996

DOCKET NO.: 50-366  
DATE: NOVEMBER 5, 1996  
COMPLETED BY: S. B. ROGERS  
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1 .....	801
2 .....	818
3 .....	816
4 .....	820
5 .....	824
6 .....	822
7 .....	823
8 .....	820
9 .....	822
10 .....	825
11 .....	825
12 .....	825
13 .....	825
14 .....	824
15 .....	824
16 .....	822
17 .....	821
18 .....	822
19 .....	826
20 .....	824
21 .....	826
22 .....	825
23 .....	823
24 .....	827
25 .....	825
26 .....	819
27 .....	818
28 .....	819
29 .....	818
30 .....	817
31 .....	822

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**UNIT NAME: E. I. HATCH - UNIT TWO**

**REPORT MONTH: OCTOBER 1996**

DOCKET NO.: 50-366  
 DATE: NOVEMBER 5, 1996  
 COMPLETED BY: S. B. ROGERS  
 TELEPHONE: (912) 367-7781 x2878

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	SYMBOL	LICENSEE EVENT REPORT NUMBER	SC TO 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.