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



September 11, 1996

Docket Nos. 50-321
50-366

HL-5237

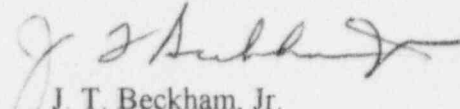
U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Edwin I. Hatch Nuclear Plant
Monthly Operating Reports

Gentlemen:

Enclosed are the August 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/eb

Enclosures:

1. August Monthly Operating Report for Plant Hatch Unit 1
2. August 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
August 1996**

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Enclosure 2

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

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: SEPTEMBER 4, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

AUGUST 1	0000	Shift continued to maintain rated thermal power.
AUGUST 9	2000	Shift began reducing load to approximately 615 GMWe to perform a Control Rod Sequence Exchange, Control Rod Scram Time testing, Control Rod Drive Exercises on selected control rod drives, and Turbine Control Valve, Stop Valve, and Bypass Valve testing.
AUGUST 10	1035	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
AUGUST 10	2008	The unit attained rated thermal power.
AUGUST 20	0912	The "A" Reactor Recirculation System Motor Generator (MG) Set tripped when the generator internal air high temperature trip switch was bumped during painting activities in the MG Set room. Shift began reducing load in preparation to restart the "A" Reactor Recirculation Pump upon unit stabilization.
AUGUST 20	1028	The "B" Reactor Recirculation Pump ran back to Speed Limiter No. 2 when Shift removed "A" Reactor Feedwater Pump from service while reducing load in preparation to restart "A" Reactor Recirculation Pump. Unit load stabilized at approximately 180 GMWe.
AUGUST 20	1234	Shift restarted "A" Reactor Recirculation Pump.
AUGUST 20	1248	Shift began ascension to rated thermal power.
AUGUST 20	1945	The unit attained rated thermal power.
AUGUST 31	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: SEPTEMBER 4, 1996
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	AUGUST 1996
3. LICENSED THERMAL POWER (MWt):	2558
4. NAMEPLATE RATING (GROSS MWe):	850
5. DESIGN ELECTRICAL RATING (NET MWe):	822.1
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe):	840
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	805
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	5855	181174
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	4902.3	139303.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	4738.3	133998.4
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1886712	11036137	302844904
17. GROSS ELECTRICAL ENERGY GENERATED (MWh):	611416	3540474	97412806
18. NET ELECTRICAL ENERGY GENERATED (MWh):	586235	3368704	92732244
19. UNIT SERVICE FACTOR:	100.0%	80.9%	74.0%
20. UNIT AVAILABILITY FACTOR:	100.0%	80.9%	74.0%
21. UNIT CAPACITY FACTOR (USING MDC NET):	97.9%	73.7%	68.4%
22. UNIT CAPACITY FACTOR (USING DER NET):	95.8%	72.3%	65.7%
23. UNIT FORCED OUTAGE RATE:	0.0%	4.0%	10.4%
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
AUGUST 1996

DOCKET NO.: 50-321
DATE: SEPTEMBER 4, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	797
2	797
3	797
4	796
5	797
6	797
7	797
8	798
9	772
10	688
11	795
12	795
13	797
14	799
15	800
16	798
17	798
18	798
19	798
20	636
21	798
22	798
23	798
24	798
25	798
26	798
27	797
28	797
29	798
30	798
31	800

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: SEPTEMBER 4, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: AUGUST 1996

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 M E	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
96-009	960820	F	0.0	H	5	N/A	CB	INSTRU (S)	<p>"A" Reactor Recirculation System MG Set tripped when the generator internal air high temperature trip switch was bumped during painting activities in the MG Set room.</p> <p>Signs have been posted in the MG Set rooms requiring caution when working in proximity to the temperature switches.</p>

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.

PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO.: 50-366

DATE: SEPTEMBER 4, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

AUGUST 1	0000	Shift continued to maintain rated thermal power.
AUGUST 10	2200	Shift began reducing load to approximately 805 GMWe to perform Turbine Stop Valve and Bypass Valve testing.
AUGUST 10	2240	Shift began ascension to rated thermal power.
AUGUST 10	2320	The unit attained rated thermal power.
AUGUST 25	0847	Shift began reducing load to approximately 545 GMWe to perform a Control Rod Sequence Exchange, Control Rod Scram Time testing, Turbine Control Valve testing, and the replacement of selected servo strainers in the Turbine Electrohydraulic Control (EHC) System.
AUGUST 25	1845	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
AUGUST 25	2210	The unit attained rated thermal power.
AUGUST 31	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-366
 DATE: SEPTEMBER 4, 1996
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORT PERIOD:	AUGUST 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:	744.0	5855	148800
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	5748.1	116229.7
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	5710.7	112361.7
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1894380	14392985	250758786
17. GROSS ELECTRICAL ENERGY GENERATED (MWe):	629956	4818732	82252991
18. NET ELECTRICAL ENERGY GENERATED (MWe):	603725	4620610	78378071
19. UNIT SERVICE FACTOR:	100.0%	97.5%	75.5%
20. UNIT AVAILABILITY FACTOR:	100.0%	97.5%	75.5%
21. UNIT CAPACITY FACTOR (USING MDC NET):	100.3%	97.5%	68.9%
22. UNIT CAPACITY FACTOR (USING DER NET):	103.5%	100.7%	67.2%
23. UNIT FORCED OUTAGE RATE:	0.0%	1.1%	6.7%
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
AUGUST 1996

DOCKET NO.: 50-366
DATE: SEPTEMBER 4, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	815
2	815
3	816
4	815
5	815
6	814
7	814
8	815
9	816
10	812
11	813
12	814
13	816
14	816
15	816
16	816
17	816
18	816
19	814
20	813
21	815
22	817
23	817
24	817
25	704
26	814
27	815
28	815
29	815
30	815
31	816

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO.: 50-366

DATE: SEPTEMBER 4, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (812) 367-7781 x2878

REPORT MONTH: AUGUST 1996

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