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March 7, 1997

Docket Nos. 50-321
50-366

HL-5332

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 February 1997 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,

H. L. Sumner, Jr.
Vice President - Nuclear
Hatch Project

CLT/eb

Enclosures:

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

cc: Georgia Power Company
Mr. P. H. Wells, 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. L. A. Reyes, Regional Administrator
Mr. B. L. Holbrook, Senior Resident Inspector - Hatch

110091

Utility Data Institute, Inc.
Mr. Fred Yost, Director - Research Services

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Enclosure 1

**Plant Hatch Unit 1
Monthly Operating Report
February 1997**

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321
DATE: MARCH 4, 1997
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

FEBRUARY 1	0000	Personnel continued activities associated with the drywell leak repair outage.
FEBRUARY 2	0338	Shift began withdrawing control rods for unit startup.
FEBRUARY 2	0543	Shift brought the reactor critical.
FEBRUARY 3	0143	Shift tied the Main Generator to the grid and began ascension to rated thermal power.
FEBRUARY 4	0310	The unit attained rated thermal power.
FEBRUARY 22	0900	Shift began reducing load to approximately 485 GMWe to replace a leaking cooling coil on the Main Generator Isolated Phase Bus Cooling system.
FEBRUARY 22	1300	Shift began ascension to rated thermal power.
FEBRUARY 22	2010	The unit attained rated thermal power.
FEBRUARY 28	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: MARCH 4, 1997
 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 FEBRUARY 1997 2558 850 822.1 835 800 NO CHANGES NO RESTRICTIONS N/A
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	THIS MONTH	YEAR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	672.0	1416.0	185519
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	642.3	1323.1	143555.9
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	622.3	1295.6	138223.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWhT):	1567338	3277386	313592062
17. GROSS ELECTRICAL ENERGY GENERATED (MWhE):	513906	1075120	100937842
18. NET ELECTRICAL ENERGY GENERATED (MWhE):	492546	1030322	96113732
19. UNIT SERVICE FACTOR:	92.8%	91.5%	74.5%
20. UNIT AVAILABILITY FACTOR:	92.8%	91.5%	74.5%
21. UNIT CAPACITY FACTOR (USING MDC NET):	91.6%	91.0%	68.9%
22. UNIT CAPACITY FACTOR (USING DER NET):	89.2%	88.5%	66.5%
23. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	10.1%
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 ONE
AVERAGE DAILY POWER LEVEL
FEBRUARY 1997

DOCKET NO.: 50-321
DATE: MARCH 4, 1997
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

<u>DAY</u>	<u>Net MWe</u>
1	0
2	0
3	436
4	797
5	805
6	810
7	809
8	807
9	811
10	811
11	812
12	813
13	810
14	810
15	810
16	812
17	810
18	809
19	807
20	804
21	801
22	724
23	811
24	811
25	811
26	806
27	802
28	800

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321
 DATE: MARCH 4, 1997
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: FEBRUARY 1997

NO.	DATE	TYPE	DURATION (HOURS)	REASON	LICENSEE EVENT REPORT NUMBER	SYSCOM	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
97-002	970129	S	49.7	B 4	97-001	CF	PIPEXX (A)	Activities associated with the drywell leak repair outage continued. Leaks in drywell were repaired and the unit was returned to rated thermal power.

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
February 1997

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO.: 50-366
DATE: MARCH 4, 1997
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

FEBRUARY 1	0000	Shift continued to maintain rated thermal power.
FEBRUARY 16	0900	Shift began reducing load to approximately 670 GMWe to perform a Control Rod Sequence Exchange.
FEBRUARY 16	1222	Shift began ascension to rated thermal power.
FEBRUARY 16	2358	The unit attained rated thermal power.
FEBRUARY 28	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-366
 DATE: MARCH 4, 1997
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORT PERIOD:	FEBRUARY 1997
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):	853
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	818
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:	672.0	1416.0	153145
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	672.0	1416.0	120574.7
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	672.0	1416.0	116706.7
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1714550	3601879	261828613
17. GROSS ELECTRICAL ENERGY GENERATED (MWh):	575350	1209847	85965310
18. NET ELECTRICAL ENERGY GENERATED (MWh):	551482	1159854	81939016
19. UNIT SERVICE FACTOR:	100.0%	100.0%	76.2%
20. UNIT AVAILABILITY FACTOR:	100.0%	100.0%	76.2%
21. UNIT CAPACITY FACTOR (USING MDC NET):	100.3%	100.1%	69.5%
22. UNIT CAPACITY FACTOR (USING DER NET):	104.7%	104.5%	68.2%
23. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	6.5%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
	34 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
FEBRUARY 1997

DOCKET NO.: 50-366
DATE: MARCH 4, 1997
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	825
2	823
3	822
4	821
5	821
6	824
7	823
8	821
9	825
10	825
11	826
12	827
13	823
14	823
15	822
16	783
17	824
18	822
19	821
20	819
21	818
22	819
23	824
24	824
25	824
26	820
27	816
28	815

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO.: 50-366
 DATE: MARCH 4, 1997
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: FEBRUARY 1997

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

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EVENTS REPORTED INVOLVE A GREATER THAN 20% REDUCTION IN AVERAGE DAILY POWER LEVEL FOR THE PRECEDING 24 HOURS.