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July 8, 1997

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Docket Nos. 50-321
50-366

HL-5431

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 June 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.

CLT/eb

Enclosures:

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

cc: Southern Nuclear Operating Company
Mr. P. H. Wells, Nuclear Plant General Manager
NORMS

U. S. Nuclear Regulatory Commission, Washington D. C.
Mr. N. B. Le, 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

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

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Enclosure 1

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

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: JULY 2, 1997

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

JUNE 1	0000	Shift continued to maintain rated thermal power.
JUNE 21	0400	Shift began reducing load to approximately 665 GMWe to repair a steam leak on the 5th Stage Feedwater Heaters Extraction Check Valve.
JUNE 21	0735	Shift began ascension to rated thermal power following repair of the 5th Stage Feedwater Heaters Extraction Check Valve.
JUNE 21	1023	The unit attained rated thermal power.
JUNE 30	0824	Shift began reducing load after entering a Technical Specifications Required Action Statement due to the "F" Suppression Chamber to Drywell Vacuum Breaker not returning to the closed position following an operability surveillance. Failure of the vacuum breaker to close was determined to be the result of a faulty solenoid rectifier. The rectifier was replaced and the vacuum breaker returned to the closed position.
JUNE 30	1246	Shift began ascension to rated thermal power.
JUNE 30	1355	The unit attained rated thermal power.
JUNE 30	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: JULY 2, 1997
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	JUNE 1997
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):	835
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	800
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	4343	188446
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	4250.1	146482.9
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	720.0	4222.6	141150.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWhT):	1836578	10728710	321043385
17. GROSS ELECTRICAL ENERGY GENERATED (MWhE):	597405	3514412	103377134
18. NET ELECTRICAL ENERGY GENERATED (MWhE):	573215	3372215	98455625
19. UNIT SERVICE FACTOR:	100.0%	97.2%	74.9%
20. UNIT AVAILABILITY FACTOR:	100.0%	97.2%	74.9%
21. UNIT CAPACITY FACTOR (USING MDC NET):	99.5%	97.1%	69.4%
22. UNIT CAPACITY FACTOR (USING DER NET):	96.8%	94.4%	67.0%
23. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	9.9%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	37 Day Refueling Outage tentatively scheduled for October 11, 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 ONE
AVERAGE DAILY POWER LEVEL
JUNE 1997

DOCKET NO.: 50-321
DATE: JULY 2, 1997
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	800
2	801
3	802
4	802
5	803
6	804
7	804
8	803
9	802
10	801
11	798
12	797
13	795
14	796
15	797
16	797
17	793
18	794
19	795
20	796
21	768
22	796
23	795
24	793
25	794
26	795
27	796
28	794
29	797
30	775

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: JULY 2, 1997

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: JUNE 1997

NO.	DATE	TYPE	DURATION (HOURS)	REASON	LICENSEE EVENT REPORT NUMBER	SYSTEM	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
								No significant power reductions occurred this month.

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)	

Enclosure 2

Plant Hatch Unit 2
Monthly Operating Report
June 1997

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO.: 50-366

DATE: JULY 2, 1997

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

JUNE 1	0000	Shift continued to maintain rated thermal power.
JUNE 21	2230	Shift began reducing load to approximately 795 GMWe to perform Control Rod Drive Exercises on selected control rod drives.
JUNE 21	2310	Shift began reducing load to approximately 750 GMWe to perform a Rod Pattern Adjustment.
JUNE 22	0035	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
JUNE 22	0400	The unit attained rated thermal power.
JUNE 30	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-366
 DATE: JULY 2, 1997
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORT PERIOD:	JUNE 1997
3. LICENSED THERMAL POWER (MWt):	2558
4. NAMEPLATE RATING (GROSS MWe):	850
5. DESIGN ELECTRICAL RATING (NET MWe):	829.7
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:	720.0	4343	156072
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	3466.4	122625.1
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	720.0	3399.4	118690.0
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1840046	8509409	266736143
17. GROSS ELECTRICAL ENERGY GENERATED (MWh):	610071	2835505	87590968
18. NET ELECTRICAL ENERGY GENERATED (MWh):	585521	2709163	83488325
19. UNIT SERVICE FACTOR:	100.0%	78.3%	76.0%
20. UNIT AVAILABILITY FACTOR:	100.0%	78.3%	76.0%
21. UNIT CAPACITY FACTOR (USING MDC NET):	99.4%	76.3%	69.5%
22. UNIT CAPACITY FACTOR (USING DER NET):	98.0%	75.2%	68.1%
23. UNIT FORCED OUTAGE RATE:	0.0%	2.0%	6.4%
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 TWO
AVERAGE DAILY POWER LEVEL
JUNE 1997

DOCKET NO.: 50-366
DATE: JULY 2, 1997
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	817
2	817
3	817
4	817
5	818
6	818
7	818
8	819
9	818
10	817
11	814
12	814
13	811
14	811
15	812
16	815
17	811
18	812
19	811
20	811
21	804
22	808
23	811
24	812
25	810
26	811
27	812
28	810
29	811
30	810

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO.: 50-366

DATE: JULY 2, 1997

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: JUNE 1997

NO.	DATE	TYPE DURATION (HOURS)	R E A S O N	M E T H O D L I C E N S E E E V E N T R E P O R T N U M B E R	S Y S T E M C O D E C O M P O N E N T C O D E (S U B C O D E)	C A U S E & C O R R E C T I V E A C T I O N T O P R E V E N T R E C U R R E N C E
						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.