

**Enclosure 1**

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

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: MAY 3, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

APRIL 1	0000	Activities associated with the 16th Refueling Outage continued.
APRIL 10	2335	Fuel reload into the reactor core began.
APRIL 14	1812	Reload of the reactor core was completed.
APRIL 28	0010	Shift began withdrawing control rods for unit startup.
APRIL 28	0316	Shift brought the reactor critical.
APRIL 30	0841	An automatic reactor scram occurred on high reactor pressure when the Main Turbine Bypass Valves closed.
APRIL 30	1725	Shift began withdrawing control rods for unit startup.
APRIL 30	2150	Shift brought the reactor critical.
APRIL 30	2400	Shift continued activities associated with unit startup.

# OPERATING DATA REPORT

DOCKET NO.: 50-321  
 DATE: MAY 3, 1996  
 COMPLETED BY: S. B. ROGERS  
 TELEPHONE: (912) 367-7781 x2878

## OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	APRIL 1996
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):	789
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	756
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:	719.0	2903	178222
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	56.6	1979.0	136380.5
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	0.0	1881.3	131141.4
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	9201	3913084	295721850
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	0	1236382	95108714
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	-6788	1162899	90526439
19. UNIT SERVICE FACTOR:	0.0%	64.8%	73.6%
20. UNIT AVAILABILITY FACTOR:	0.0%	64.8%	73.6%
21. UNIT CAPACITY FACTOR (USING MDC NET):	0.0%	53.0%	67.8%
22. UNIT CAPACITY FACTOR (USING DER NET):	0.0%	51.6%	65.2%
23. UNIT FORCED OUTAGE RATE:	100.0%	5.2%	10.6%
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 was tied to line May 2, 1996.			
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):			N/A

PLANT E. I. HATCH - UNIT ONE  
AVERAGE DAILY POWER LEVEL  
APRIL 1996

DOCKET NO.: 50-321  
DATE: MAY 3, 1996  
COMPLETED BY: S. B. ROGERS  
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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: MAY 3, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: APRIL 1996

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSCODE ME	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
96-003	960323	S	702.7	C	4	N/A	RC	FUELXX	Activities associated with the 16th Refueling Outage continued.
96-004	960430	F	16.3	F	4	96-009	HB	PIPEXX (A)	<p>During startup, the unit experienced hydraulic fluid leaks on a Main Turbine Control Valve and Turbine Stop Valve. Measures taken to isolate the leaks resulted in a partial loss of hydraulic fluid flow to the Main Turbine Bypass Valves, causing the valves to close. An automatic reactor scram occurred on high reactor pressure.</p> <p>The fluid leaks were repaired, and the hydraulic system was restored to normal configuration. Shift resumed startup activities.</p>

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 April 1996**

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366  
DATE: MAY 3, 1996  
COMPLETED BY: S. B. ROGERS  
TELEPHONE: (912) 367-7781 x2878

APRIL 1	0000	Shift continued to maintain rated thermal power.
APRIL 14	0120	Shift began reducing load to approximately 830 GMWe to perform Control Rod Drive Exercises on selected control rod drives.
APRIL 14	0146	Shift began ascension to rated thermal power.
APRIL 14	0327	The unit attained rated thermal power.
APRIL 24	1705	Shift began reducing load prior to unit shutdown for repair of a reactor feedwater vent line leak.
APRIL 25	0128	Shift manually tripped the Main Turbine to repair the reactor feedwater vent line leak.
APRIL 25	0130	Shift manually scrammed the reactor to repair the reactor feedwater vent line leak.
APRIL 26	2249	Shift began withdrawing control rods for unit startup.
APRIL 27	0218	Shift brought the reactor critical.
APRIL 27	1502	Shift tied the Main Generator to the grid and began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
APRIL 29	0713	The unit attained rated thermal power.
APRIL 30	2400	Shift continued to maintain rated thermal power.

# OPERATING DATA REPORT

DOCKET NO: 50-366  
 DATE: MAY 3, 1996  
 COMPLETED BY: S. B. ROGERS  
 TELEPHONE: (912) 367-7781 x2878

## OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	APRIL 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:	719.0	2903	145848
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	670.2	2796.1	113277.7
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	657.4	2758.7	109409.7
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1643365	6862572	243228373
17. GROSS ELECTRICAL ENERGY GENERATED (MWh):	551521	2309028	79743287
18. NET ELECTRICAL ENERGY GENERATED (MWh):	528063	2215290	75972751
19. UNIT SERVICE FACTOR:	91.4%	95.0%	75.0%
20. UNIT AVAILABILITY FACTOR:	91.4%	95.0%	75.0%
21. UNIT CAPACITY FACTOR (USING MDC NET):	90.8%	94.3%	68.2%
22. UNIT CAPACITY FACTOR (USING DER NET):	93.7%	97.3%	66.4%
23. UNIT FORCED OUTAGE RATE:	8.6%	2.2%	6.9%
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

APRIL 1996

DOCKET NO: 50-366

DATE: MAY 3, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1 .....	827
2 .....	829
3 .....	827
4 .....	825
5 .....	824
6 .....	829
7 .....	794
8 .....	828
9 .....	829
10 .....	831
11 .....	830
12 .....	828
13 .....	825
14 .....	821
15 .....	824
16 .....	828
17 .....	829
18 .....	828
19 .....	825
20 .....	824
21 .....	824
22 .....	823
23 .....	822
24 .....	710
25 .....	0
26 .....	0
27 .....	93
28 .....	625
29 .....	807
30 .....	825

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

REPORT MONTH: APRIL 1996

DOCKET NO: 50-366

DATE: MAY 3, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE ME	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
96-004	960425	F	61.6	A	1,2	N/A	HH	PIPEXX (A)	Shift manually tripped the Main Turbine and inserted a manual scram to repair a leak on a reactor feedwater vent line.  The leak on the reactor feedwater vent line was 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.