

**Enclosure 1**

Plant Hatch Unit 1  
**Monthly Operating Report**  
September 1995

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## PLANT E. I. HATCH - UNIT ONE

## NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: OCTOBER 2, 1995

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

SEPTEMBER 1	0000	Shift continued to maintain rated thermal power.
SEPTEMBER 1	2315	Shift began reducing load to approximately 690 GMWe to perform Control Rod Drive Exercises on selected control rod drives.
SEPTEMBER 2	0212	The unit attained rated thermal power.
SEPTEMBER 8	2315	Shift began reducing load to approximately 720 GMWe to perform Control Rod Drive Exercises on selected control rod drives.
SEPTEMBER 9	0252	The unit attained rated thermal power.
SEPTEMBER 16	0825	Shift began reducing load to approximately 450 GMWe to perform a Control Rod Sequence Exchange, Control Rod Drive Exercises on selected control rod drives, and Control Rod Scram Time Testing.
SEPTEMBER 16	1529	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
SEPTEMBER 18	0830	The unit attained rated thermal power.
SEPTEMBER 23	2140	Shift began reducing load to approximately 675 GMWe to perform Control Rod Drive Exercises on selected control rod drives and a Rod Pattern Adjustment.
SEPTEMBER 23	2350	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
SEPTEMBER 24	1352	The unit attained rated thermal power.
SEPTEMBER 29	2300	Shift began reducing load to approximately 680 GMWe to perform Control Rod Drive Exercises on selected control rod drives.
SEPTEMBER 30	0141	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
SEPTEMBER 30	0513	The unit attained rated thermal power.
SEPTEMBER 30	2400	Shift continued to maintain rated thermal power.

# OPERATING DATA REPORT

DOCKET NO.: 50-321  
 DATE: OCTOBER 2, 1995  
 COMPLETED BY: S. B. ROGERS  
 TELEPHONE: (912) 367-7781 x2878

## OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	SEPTEMBER 1995
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):	774
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	741
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	6551	173110
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	6551.0	132192.6
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	720.0	6551.0	127051.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1728514	15515028	286567367
17. GROSS ELECTRICAL ENERGY GENERATED (MWh):	560143	5049419	92161735
18. NET ELECTRICAL ENERGY GENERATED (MWh):	535558	4830931	87728637
19. UNIT SERVICE FACTOR:	100.0%	100.0%	73.4%
20. UNIT AVAILABILITY FACTOR:	100.0%	100.0%	73.4%
21. UNIT CAPACITY FACTOR (USING MDC NET):	100.4%	99.5%	67.7%
22. UNIT CAPACITY FACTOR (USING DER NET):	95.8%	95.0%	65.0%
23. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	10.8%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
42 Day Refueling Outage tentatively scheduled for March 23, 1996.			
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

SEPTEMBER 1995

DOCKET NO.: 50-321

DATE: OCTOBER 2, 1995

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1 .....	748
2 .....	753
3 .....	756
4 .....	756
5 .....	755
6 .....	758
7 .....	755
8 .....	748
9 .....	749
10 .....	751
11 .....	752
12 .....	750
13 .....	749
14 .....	750
15 .....	751
16 .....	590
17 .....	658
18 .....	749
19 .....	758
20 .....	755
21 .....	754
22 .....	750
23 .....	742
24 .....	745
25 .....	761
26 .....	756
27 .....	755
28 .....	756
29 .....	753
30 .....	753

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: OCTOBER 2, 1995

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: SEPTEMBER 1995

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
95-006	950916	S	0.0	F	5	N/A	RC RB	FUELXX CONROD	Shift reduced load to approximately 450 GMWe to perform a Control Rod Sequence Exchange and Control Rod Scram Time Testing. While at reduced power, Shift performed Control Rod Drive Exercises on selected control rod drives.

## 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 September 1995**

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## PLANT E. I. HATCH - UNIT TWO

## NARRATIVE REPORT

DOCKET NO: 50-366

DATE: OCTOBER 2, 1995

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

SEPTEMBER 1	0000	Shift continued to maintain maximum achievable thermal power with End-of-Cycle Coastdown in progress.
SEPTEMBER 1	2013	Shift began reducing load to approximately 440 GMWe to determine the cause of a rapid decrease in Circulating Water Flume level. Shift personnel discovered that the fill material in Cell 10 of Cooling Tower No. 5 had collapsed and clogged the screens at the tower.
SEPTEMBER 1	2140	Shift isolated and bypassed Cooling Tower No. 5 for inspection of the damaged cell.
SEPTEMBER 2	1514	Shift manually scrammed the reactor due to decreasing vacuum on the "A" Main Condenser as a result of "D" Waterbox becoming airbound.
SEPTEMBER 4	0033	Shift began withdrawing control rods for unit startup.
SEPTEMBER 4	0837	Shift brought the reactor critical.
SEPTEMBER 5	0017	Shift tied the unit to the grid and began ascension to maximum achievable thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to maximum achievable thermal power.
SEPTEMBER 5	2325	The unit attained maximum achievable thermal power.
SEPTEMBER 14	0855	Control Rod 42-19 drifted full-in when a half scram occurred during performance of Channel "B" Response Time Testing. The unit stabilized at approximately 615 GMWe. Maintenance personnel determined the control rod drive's Scram Solenoid Valves were leaking. Both valves were replaced.
SEPTEMBER 14	2345	Shift began reducing load to approximately 550 GMWe prior to withdrawing Control Rod 42-19.
SEPTEMBER 15	0108	Shift withdrew Control Rod 42-19 to Position 48.
SEPTEMBER 15	0200	The unit attained maximum achievable thermal power.
SEPTEMBER 22	0800	Shift began reducing load in preparation for a unit shutdown.
SEPTEMBER 23	0101	The unit entered the 12th Refueling Outage when Shift inserted a manual scram and a turbine trip.
SEPTEMBER 26	2320	Shift began core unload.
SEPTEMBER 30	2400	Personnel continued activities associated with the 12th Refueling Outage.

# OPERATING DATA REPORT

DOCKET NO: 50-366  
 DATE: OCTOBER 2, 1995  
 COMPLETED BY: S. B. ROGERS  
 TELEPHONE: (912) 367-7781 x2878

## OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	SEPTEMBER 1995
3. LICENSED THERMAL POWER (MWt):	2436
4. NAMEPLATE RATING (GROSS MWe):	850
5. DESIGN ELECTRICAL RATING (NET MWe):	784
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe):	798
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	765
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	6551	140736
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	487.6	6082.5	109442.4
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	472.0	5912.7	105674.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	951897	13848602	234109526
17. GROSS ELECTRICAL ENERGY GENERATED (MWHe):	305060	4544230	76682280
18. NET ELECTRICAL ENERGY GENERATED (MWHe):	286974	4339657	73045472
19. UNIT SERVICE FACTOR:	65.4%	90.2%	75.1%
20. UNIT AVAILABILITY FACTOR:	65.4%	90.2%	75.1%
21. UNIT CAPACITY FACTOR (USING MDC NET):	52.1%	86.6%	67.9%
22. UNIT CAPACITY FACTOR (USING DER NET):	50.8%	84.5%	66.2%
23. UNIT FORCED OUTAGE RATE:	10.8%	7.0%	7.0%
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 on line tentatively scheduled for November 4, 1995			
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):			N/A

PLANT E. I. HATCH - UNIT TWO  
AVERAGE DAILY POWER LEVEL  
SEPTEMBER 1995

DOCKET NO: 50-366  
DATE: OCTOBER 2, 1995  
COMPLETED BY: S. B. ROGERS  
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1 .....	621
2 .....	242
3 .....	0
4 .....	0
5 .....	486
6 .....	681
7 .....	662
8 .....	665
9 .....	662
10 .....	658
11 .....	657
12 .....	651
13 .....	648
14 .....	626
15 .....	643
16 .....	639
17 .....	632
18 .....	633
19 .....	634
20 .....	630
21 .....	625
22 .....	362
23 .....	0
24 .....	0
25 .....	0
26 .....	0
27 .....	0
28 .....	0
29 .....	0
30 .....	0