

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			N/A
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