

Enclosure 1

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

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: MARCH 5, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

FEBRUARY 1	0000	Shift continued to maintain maximum achievable thermal power.
FEBRUARY 2	2237	Shift began reducing load to approximately 620 GMWe to perform Control Rod Drive Exercises on selected control rod drives.
FEBRUARY 3	0045	Shift began ascension to maximum achievable thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
FEBRUARY 3	0358	The unit attained maximum achievable thermal power.
FEBRUARY 10	0805	Shift began reducing load to approximately 500 GMWe to repair a steam leak on the 5th Stage Feedwater Heaters' Extraction Steam Drain line, identify sources of liquid radwaste and Main Condenser air in-leakage, and perform Control Rod Drive Exercises on selected control rod drives. The servo strainers on all four Main Turbine Control Valves (TCVs), Main Turbine Stop Valve (TSV) No. 2, and Main Turbine Combined Intermediate Valves (CIVs) No. 1 and 2 were replaced to inspect for clogging.
FEBRUARY 10	1505	Shift began ascension to maximum achievable thermal power.
FEBRUARY 11	0413	The unit attained maximum achievable thermal power.
FEBRUARY 16	2246	Shift began reducing load to approximately 585 GMWe to perform Control Rod Drive Exercises on selected control rod drives.
FEBRUARY 17	0046	Shift began ascension to maximum achievable thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
FEBRUARY 17	1235	The unit attained maximum achievable thermal power.
FEBRUARY 23	2137	Shift began reducing load to approximately 580 GMWe to perform Control Rod Drive Exercises on selected control rod drives.
FEBRUARY 23	2326	Shift began ascension to maximum achievable thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension.
FEBRUARY 24	0800	The unit attained maximum achievable thermal power.
FEBRUARY 29	2400	Shift continued to maintain maximum achievable thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: MARCH 5, 1996
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	FEBRUARY 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:	696.0	1440	176759
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	696.0	1393.8	135795.4
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	696.0	1352.7	130612.8
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh _t):	1475597	2958808	294767575
17. GROSS ELECTRICAL ENERGY GENERATED (MWh _e):	469169	941452	94813784
18. NET ELECTRICAL ENERGY GENERATED (MWh _e):	444766	893096	90256636
19. UNIT SERVICE FACTOR:	100.0%	93.9%	73.9%
20. UNIT AVAILABILITY FACTOR:	100.0%	93.9%	73.9%
21. UNIT CAPACITY FACTOR (USING MDC NET):	84.5%	82.0%	68.2%
22. UNIT CAPACITY FACTOR (USING DER NET):	82.3%	79.9%	65.5%
23. UNIT FORCED OUTAGE RATE:	0.0%	6.1%	10.6%
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

FEBRUARY 1996

DOCKET NO.: 50-321

DATE: MARCH 5, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (012) 367-7781 x2878

DAY	Net MWe
1	681
2	667
3	678
4	674
5	672
6	671
7	668
8	661
9	656
10	588
11	654
12	655
13	652
14	646
15	640
16	636
17	624
18	635
19	632
20	628
21	626
22	622
23	608
24	608
25	617
26	611
27	607
28	604
29	609

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: MARCH 5, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: FEBRUARY 1996

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

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 1996

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-365
DATE: MARCH 5, 1996
COMPLETED BY: S. B. ROGERS
TELEPHONE: (912) 367-7781 x2878

FEBRUARY 1	0000	Shift continued to maintain rated thermal power.
FEBRUARY 23	0928	Shift began reducing load to approximately 485 GMWe to perform a Control Rod Sequence Exchange and repair a seal on Reactor Feedwater Pump (RFP) "A". The servo strainers on Main Turbine CIVs No. 1 and 2 were replaced to inspect for clogging.
FEBRUARY 25	0255	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
FEBRUARY 25	1431	The unit attained rated thermal power.
FEBRUARY 25	2301	Shift began reducing load to approximately 720 GMWe to perform a Rod Pattern Adjustment.
FEBRUARY 26	0105	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
FEBRUARY 26	0500	The unit attained rated thermal power.
FEBRUARY 27	0150	Shift began reducing load to approximately 685 GMWe to repair a steam leak on Steam Jet Air Ejector (SJAE) "A". While placing SJAE "B" in service, a steam leak was discovered on SJAE "B". SJAE "A" was left in service and SJAE "B" was removed from service for repair.
FEBRUARY 27	0500	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
FEBRUARY 27	0848	The unit attained rated thermal power.
FEBRUARY 27	0900	Shift began reducing load to approximately 700 GMWe to perform a Rod Pattern Adjustment and place SJAE "B" in service. SJAE "A" was removed from service to repair a steam leak.
FEBRUARY 27	1340	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
FEBRUARY 27	1736	Shift began reducing load due to decreasing vacuum in the Main Condenser.

PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366
 DATE: MARCH 5, 1996
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2878

FEBRUARY 27	1820	Shift placed SJAE "A" in service and removed SJAE "B" from service due to faulty level indications in the SJAE "B" drain system. Shift terminated load reduction at a unit load of approximately 145 GMWe when Main Condenser vacuum stabilized.
FEBRUARY 27	2222	Shift began ascension to 500 GMWe to stabilize steam plant operation.
FEBRUARY 28	0330	The unit attained 500 GMWe. Shift placed SJAE "B" in service following calibration of the level instrumentation in the drain system and removed SJAE "A" from service to repair a steam leak. SJAE "A" was returned to service following repair, and SJAE "B" was removed from service.
FEBRUARY 28	2058	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
FEBRUARY 29	0508	The unit attained rated thermal power.
FEBRUARY 29	0805	Shift began inserting control rods to reduce load to approximately 795 GMWe as part of a Rod Pattern Adjustment.
FEBRUARY 29	0832	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
FEBRUARY 29	1200	The unit attained rated thermal power.
FEBRUARY 29	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO: 50-366
 DATE: MARCH 5, 1996
 COMPLETED BY: S. B. ROGERS
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS:

1. UNIT NAME:	E. J. HATCH - UNIT TWO
2. REPORTING PERIOD:	FEBRUARY 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:	696.0	1440	144385
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	696.0	1440.0	111921.6
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	696.0	1440.0	108090.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1695014	3589654	239955455
17. GROSS ELECTRICAL ENERGY GENERATED (MWHe):	569595	1208668	78642927
18. NET ELECTRICAL ENERGY GENERATED (MWHe):	547060	1161590	74919051
19. UNIT SERVICE FACTOR:	100.0%	100.0%	74.9%
20. UNIT AVAILABILITY FACTOR:	100.0%	100.0%	74.9%
21. UNIT CAPACITY FACTOR (USING MDC NET):	97.2%	99.7%	67.9%
22. UNIT CAPACITY FACTOR (USING DER NET):	100.3%	102.9%	66.2%
23. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	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

FEBRUARY 1996

DOCKET NO: 50-366

DATE: MARCH 5, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	828
2	827
3	831
4	832
5	833
6	831
7	831
8	829
9	827
10	828
11	827
12	831
13	832
14	829
15	827
16	831
17	832
18	831
19	829
20	826
21	826
22	826
23	628
24	485
25	733
26	815
27	571
28	498
29	818

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: MARCH 5, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: FEBRUARY 1996

NO.	DATE	T Y P E	DURATION (HOURS)	R E A S O N	M E T H O D	LICENSEE EVENT REPORT NUMBER	S Y S T O P P E D M E	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
96-001	960223	S	0.0	F B	5	N/A	RC HH HB	FUELXX PUMPXX (C) FILTERS	Shift reduced load to approximately 485 GMWe to perform a Control Rod Sequence Exchange and repair a seal on RFP "A". The servo strainers on Main Turbine CIVs No. 1 and 2 were replaced to inspect for clogging.
96-002	960227	F	0.0	A	5	N/A	HC	INSTRU	Shift reduced load to approximately 145 GMWe due to decreasing vacuum in the Main Condenser. A false high level signal in the SJAE "B" drain tank resulted in low Main Condenser vacuum. SJAE "A" was placed in service to stabilize vacuum levels. SJAE "B" was removed from service to calibrate the drain tank level instruments.

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
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