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Hatch Project



HL-2040  
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February 7, 1992

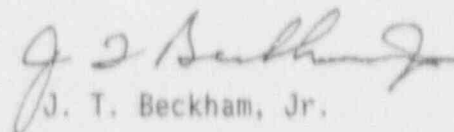
U.S. Nuclear Regulatory Commission  
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PLANT HATCH - UNITS 1, 2  
NRC DOCKETS 50-321, 50-366  
OPERATING LICENSES DPR-57, NPF-5  
MONTHLY OPERATING REPORTS

Gentlemen:

Enclosed are the January 1992 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 the requirements of Technical Specifications Section 6.9.1.10.

Sincerely,

  
J. T. Beckham, Jr.

SRP/sp

Enclosures:

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

c: (See next page.)

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U.S. Nuclear Regulatory Commission

February 7, 1992

Page Two

c: Georgia Power Company

Mr. H. L. Sumner, General Manager - Nuclear Plant  
NORMS

U.S. Nuclear Regulatory Commission, Washington, D.C.  
Mr. K. Jabbour, Licensing Project Manager - Hatch

U.S. Nuclear Regulatory Commission, Region II  
Mr. S. D. Ebner, Regional Administrator  
Mr. L. D. Wert, Senior Resident Inspector - Hatch

ENCLOSURE 1

PLANT HATCH UNIT 1  
NRC DOCKET 50-321  
MONTHLY OPERATING REPORT  
January 1992

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: FEBRUARY 3, 1992

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

JANUARY 1	0000	Shift continued to maintain rated thermal power.
JANUARY 24	0005	Shift reduced power to approximately 700 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing.
JANUARY 24	0200	Shift reduced load to approximately 650 GMWe to investigate the performance of a relay associated with the No. 1 Turbine Stop Valve.
JANUARY 24	0637	The unit was returned to rated thermal power.
JANUARY 31	2400	Shift continued to maintain rated thermal power.

# OPERATING DATA REPORT

DOCKET NO.: 50-321  
 DATE: FEBRUARY 3, 1992  
 COMPLETED BY: R. M. BEARD  
 TELEPHONE: (912) 367-7781 x2878

## OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	JANUARY 1992
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:	744.0	744	140999
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	744.0	103081.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	744.0	98337.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1808472	1808472	218315492
17. GROSS ELECTRICAL ENERGY GENERATED (MWe):	583170	583170	70289850
18. NET ELECTRICAL ENERGY GENERATED (MWe):	558750	558750	66839676
19. UNIT SERVICE FACTOR:	100.0%	100.0%	69.7%
20. UNIT AVAILABILITY FACTOR:	100.0%	100.0%	69.7%
21. UNIT CAPACITY FACTOR (USING MDC NET):	101.4%	101.4%	63.2%
22. UNIT CAPACITY FACTOR (USING DER NET):	96.7%	96.7%	60.8%
23. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	13.0%
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:			N/A
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):			N/A

PLANT E. I. HATCH - UNIT ONE

AVERAGE DAILY POWER LEVEL

JANUARY 1992

DOCKET NO.: 50-321

DATE: FEBRUARY 3, 1992

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1 .....	753
2 .....	751
3 .....	749
4 .....	753
5 .....	752
6 .....	753
7 .....	753
8 .....	751
9 .....	748
10 .....	752
11 .....	756
12 .....	752
13 .....	745
14 .....	751
15 .....	755
16 .....	754
17 .....	755
18 .....	755
19 .....	756
20 .....	755
21 .....	754
22 .....	753
23 .....	747
24 .....	754
25 .....	725
26 .....	753
27 .....	751
28 .....	751
29 .....	750
30 .....	749
31 .....	746

# UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

REPORT MONTH: JANUARY 1992

DOCKET NO.: 50-321  
DATE: FEBRUARY 3, 1992  
COMPLETED BY: R. M.  
TELEPHONE: (912) 367-7761 x2878

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 E M	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
									No significant power reductions 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  
NRC DOCKET 50-366  
MONTHLY OPERATING REPORT  
January 1992

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366

DATE: FEBRUARY 3, 1992

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

JANUARY 1	0000	Shift continued to maintain rated thermal power.
JANUARY 23	1800	Shift began reducing load for unit shutdown to identify and repair the source of increased drywell floor drain leakage.
JANUARY 24	0455	The generator was removed from the grid.
JANUARY 24	0948	The reactor was manually scrammed.
JANUARY 28	1354	Shift began withdrawing control rods to bring the reactor critical.
JANUARY 28	1710	The reactor achieved critical status.
JANUARY 28	2240	Shift began returning the unit to hot shutdown to investigate and repair the source of high turbine vibration.
JANUARY 29	0043	The reactor was placed in hot shutdown.
JANUARY 30	1240	Power ascension activities were initiated.
JANUARY 31	0232	The generator was tied to the grid.
JANUARY 31	2400	Shift continued returning the unit to rated thermal power. Fuel preconditioning measures were implemented to minimize the possibility of further fuel damage.

# OPERATING DATA REPORT

DOCKET NO: 50-366  
 DATE: FEBRUARY 3, 1992  
 COMPLETED BY: R. M. BEARD  
 TELEPHONE: (912) 367-7781 x2878

## OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	JANUARY 1992
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: Maximum Dependable Capacities for 1992 are 798 MWe (Gross) and 765 MWe (Net). Southern Company Services determined the values using 1991 operational data.	
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:	744.0	744	108625
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	640.8	640.8	81502.3
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	578.4	578.4	78398.0
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1372643	1372643	17352791
17. GROSS ELECTRICAL ENERGY GENERATED (MWe):	444900	444900	56883020
18. NET ELECTRICAL ENERGY GENERATED (MWe):	424722	424722	54171136
19. UNIT SERVICE FACTOR:	77.7%	77.7%	72.2%
20. UNIT AVAILABILITY FACTOR:	77.7%	77.7%	72.2%
21. UNIT CAPACITY FACTOR (USING MDC NET):	74.6%	74.6%	65.2%
22. UNIT CAPACITY FACTOR (USING DER NET):	72.8%	72.8%	63.6%
23. UNIT FORCED OUTAGE RATE:	4.6%	4.6%	7.4%
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

JANUARY 1992

DOCKET NO: 50-366

DATE: FEBRUARY 3, 1992

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1 .....	768
2 .....	765
3 .....	765
4 .....	762
5 .....	768
6 .....	768
7 .....	767
8 .....	767
9 .....	764
10 .....	766
11 .....	771
12 .....	767
13 .....	762
14 .....	767
15 .....	770
16 .....	768
17 .....	768
18 .....	770
19 .....	769
20 .....	770
21 .....	769
22 .....	769
23 .....	688
24 .....	24
25 .....	0
26 .....	0
27 .....	0
28 .....	0
29 .....	0
30 .....	0
31 .....	174

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: FEBRUARY 3, 1992

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: JANUARY 1992

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 M E	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-001	920124	S	137.7	D	2	N/A	CB	PIPEXX (A)	The unit was shut down due to an unidentified source of floor drain leakage inside the drywell. Investigation revealed the Packing Leakoff Line for the "B" Reactor Recirculation Pump's Discharge Isolation Valve had separated. The discharge valve was repacked and the leakoff line reconnected.
92-002	920129	F	27.9	B	4	N/A	HA	TURBINE	The turbine could not be placed in service due to high vibration. Investigation revealed the rotor for the "B" Low Pressure Turbine was not properly balanced. A balance shot was installed and the turbine returned to service.

## 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-CONTINGUATIONS  
 5-LOAD REDUCTION  
 9-OTHER (EXPLAIN)

EVENTS REPORTED INVOLVE  
 A GREATER THAN 20%  
 REDUCTION IN AVERAGE  
 DAILY POWER LEVEL FOR  
 THE PRECEDING 24 HOURS.