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J. T. Beckham, Jr.  
Vice President - Nuclear  
Hatch Project



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January 11, 1993

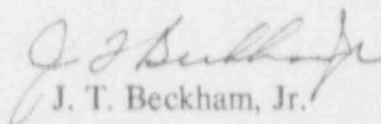
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

PLANT HATCH - UNITS 1, 2  
NRC DOCKETS 50-321, 50-366  
OPERATING LICENSES DPR-57, NPF-5  
MONTHLY OPERATING REPORTS

Gentlemen:

Enclosed are the December 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  
January 11, 1993  
Page Two

cc: 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. Ebnetter, Regional Administrator  
Mr. L. D. Wert, Senior Resident Inspector - Hatch

ENCLOSURE 1

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

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: JANUARY 6, 1993

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

DECEMBER 1	0000	Shift continued to maintain rated thermal power.
DECEMBER 4	2115	Shift began reducing load to approximately 680 GMWe to perform a Rod Sequence Exchange.
DECEMBER 5	0145	Shift initiated ascension to rated thermal power.
DECEMBER 5	0245	Rated thermal power was attained.
DECEMBER 24	0245	Shift began reducing load to approximately 680 GMWe at the request of the Georgia Control Center due to a lack of demand on the grid.
DECEMBER 24	0420	Shift initiated ascension to rated thermal power.
DECEMBER 24	0455	Rated thermal power was attained.
DECEMBER 25	2205	Shift began reducing load to approximately 700 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing.
DECEMBER 26	0140	Shift initiated ascension to rated thermal power.
DECEMBER 26	0218	Rated thermal power was attained.
DECEMBER 31	2400	Shift continued to maintain rated thermal power.

# OPERATING DATA REPORT

DOCKET NO.: 50-321  
 DATE: JANUARY 6, 1993  
 COMPLETED BY: R. M. BEARD  
 TELEPHONE: (912) 367-7781 x2878

## OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	DECEMBER 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

	<u>THIS MONTH</u>	<u>YEAR-TO-DATE</u>	<u>CUMULATIVE</u>
11. HOURS IN REPORTING PERIOD:	744.0	8784	149039
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	8566.2	110904.1
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	8447.4	106040.4
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWht):	1807296	20239329	236746349
17. GROSS ELECTRICAL ENERGY GENERATED (MWhe):	579940	6439720	76146400
18. NET ELECTRICAL ENERGY GENERATED (MWhe):	555196	6157151	72438077
19. UNIT SERVICE FACTOR:	100.0%	96.2%	71.1%
20. UNIT AVAILABILITY FACTOR:	100.0%	96.2%	71.1%
21. UNIT CAPACITY FACTOR (USING MDC NET):	100.7%	94.6%	64.8%
22. UNIT CAPACITY FACTOR (USING DER NET):	96.1%	90.3%	62.3%
23. UNIT FORCED OUTAGE RATE:	0.0%	2.9%	12.3%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
Refueling Outage Tentatively Scheduled for March 10, 1993; 60 Days			
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

DECEMBER 1992

DOCKET NO.: 50-321

DATE: JANUARY 6, 1993

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

<u>DAY</u>	<u>Net MWe</u>
1 .....	747
2 .....	747
3 .....	748
4 .....	732
5 .....	735
6 .....	750
7 .....	747
8 .....	749
9 .....	749
10 .....	748
11 .....	746
12 .....	748
13 .....	750
14 .....	749
15 .....	747
16 .....	742
17 .....	742
18 .....	750
19 .....	750
20 .....	744
21 .....	747
22 .....	746
23 .....	743
24 .....	742
25 .....	746
26 .....	743
27 .....	752
28 .....	748
29 .....	750
30 .....	749
31 .....	747

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: JANUARY 6, 1993

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: DECEMBER 1992

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE ME	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  
NRC DOCKET 50-366  
MONTHLY OPERATING REPORT  
December 1992

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## PLANT E. I. HATCH - UNIT TWO

## NARRATIVE REPORT

DOCKET NO: 50-366

DATE: JANUARY 6, 1993

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

DECEMBER 1	0000	Shift continued to maintain rated thermal power.
DECEMBER 5	1924	Shift began reducing load to take the unit off line for repair of a hydrogen leak at the neutral bushing on the Main Generator.
DECEMBER 6	0254	Shift removed the generator from the grid.
DECEMBER 7	1527	Shift brought the reactor subcritical and placed the unit in a hot standby status.
DECEMBER 8	0245	Shift began withdrawing control rods to bring the reactor critical for vibration testing of the "B" Reactor Feed Pump Turbine.
DECEMBER 8	1000	Shift brought the reactor critical.
DECEMBER 8	2320	Shift began inserting control rods to bring the reactor subcritical.
DECEMBER 9	0137	Shift brought the reactor subcritical and placed the unit in a hot standby status.
DECEMBER 10	2040	Shift began withdrawing control rods to bring the reactor critical for testing of the Main Generator and unit startup.
DECEMBER 10	2253	Shift brought the reactor critical.
DECEMBER 13	1950	Shift tied the unit to the grid and initiated ascension to rated thermal power.
DECEMBER 14	1855	Rated thermal power was attained.
DECEMBER 24	0245	Shift began reducing load to approximately 700 GMWe at the request of the Georgia Control Center due to a lack of demand on the grid.
DECEMBER 24	0420	Shift initiated ascension to rated thermal power.
DECEMBER 24	0455	Rated thermal power was attained.
DECEMBER 26	2205	Shift began reducing load to approximately 660 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing.
DECEMBER 27	0000	Shift initiated ascension to rated thermal power.
DECEMBER 27	0145	Rated thermal power was attained.
DECEMBER 31	2400	Shift continued to maintain rated thermal power.

# OPERATING DATA REPORT

DOCKET I.O: 50-366  
 DATE: JANUARY 6, 1993  
 COMPLETED BY: R. M. BEARD  
 TELEPHONE: (912) 367-7781 x2878

## OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	DECEMBER 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):	799
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

	<u>THIS MONTH</u>	<u>YEAR-TO-DATE</u>	<u>CUMULATIVE</u>
11. HOURS IN REPORTING PERIOD:	744.0	8784	116665
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	680.2	7004.9	87866.4
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	559.1	6670.1	84489.7
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh <sub>t</sub> ):	1349978	15303035	187460173
17. GROSS ELECTRICAL ENERGY GENERATED (MWh <sub>e</sub> ):	437250	4925250	61363370
18. NET ELECTRICAL ENERGY GENERATED (MWh <sub>e</sub> ):	416876	4688570	58434984
19. UNIT SERVICE FACTOR:	75.1%	75.9%	72.4%
20. UNIT AVAILABILITY FACTOR:	75.1%	75.9%	72.4%
21. UNIT CAPACITY FACTOR (USING MDC NET):	73.2%	69.8%	65.5%
22. UNIT CAPACITY FACTOR (USING DER NET):	71.5%	68.1%	63.9%
23. UNIT FORCED OUTAGE RATE:	0.0%	2.7%	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:			N/A
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):			N/A

PLANT E. I. HATCH - UNIT TWO

AVERAGE DAILY POWER LEVEL

DECEMBER 1992

DOCKET NO: 50-366

DATE: JANUARY 6, 1993

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

<u>DAY</u>	<u>Net MWe</u>
1 .....	772
2 .....	774
3 .....	776
4 .....	775
5 .....	724
6 .....	7
7 .....	0
8 .....	0
9 .....	0
10 .....	0
11 .....	0
12 .....	0
13 .....	14
14 .....	475
15 .....	775
16 .....	773
17 .....	771
18 .....	777
19 .....	775
20 .....	770
21 .....	773
22 .....	771
23 .....	769
24 .....	766
25 .....	775
26 .....	767
27 .....	770
28 .....	776
29 .....	772
30 .....	772
31 .....	770

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: JANUARY 6, 1993

COMPLETED BY: R. M. BEARD

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: DECEMBER 1992

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-010	921206	S	184.9	B	1	N/A	HJ	GENERA (D)	The unit was shut down due to a hydrogen leak at the neutral bushing on the Main Generator. The bushing was replaced and tested for leakage, 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.