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



June 12, 1995

Docket Nos. 50-321
50-366

HL-4855
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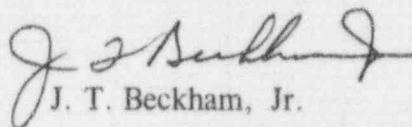
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Edwin I. Hatch Nuclear Plant
Monthly Operating Reports

Gentlemen:

Enclosed are the May 1995 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 Specification 6.9.1.10.

Sincerely,



J. T. Beckham, Jr.

Enclosures:

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

c: (See next page.)

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U.S. Nuclear Regulatory Commission
June 12, 1995

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c: Georgia Power Company
Mr. H. L. Sumner, Nuclear Plant General Manager
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. B. L. Holbrook, Senior Resident Inspector - Hatch

Utility Data Institute, Inc.
Mr. Fred Yost, Director - Research Services

Enclosure 1

Plant Hatch Unit 1 *Monthly Operating Report* May 1995

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: JUNE 1, 1995

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

MAY 1 0000 Shift continued to maintain rated thermal power.

MAY 5 2310 Shift began reducing load to approximately 710 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing, and Control Rod Drive Exercises for selected control rod drives.

MAY 6 0351 Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.

MAY 6 0750 The unit attained rated thermal power.

MAY 10 1532 The "A" Reactor Feed Pump (RFP) tripped on loss of oil pressure. The Reactor Recirculation Pumps ran back as designed, and the unit stabilized at approximately 535 GMWe. The loss of oil pressure was due to a trip of 1R42-S030 600v Motor Control Center (MCC) which supplied power to the running oil pump on the "A" RFP. Investigation revealed that 1R24-S030 tripped as a result of a hard ground on 1R23-S001 600v Bus 1A. The ground was caused by a grounded motor on a Main Transformer Cooling Fan.

MAY 10 1735 Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.

MAY 10 2137 The unit attained rated thermal power.

MAY 12 2110 Shift began reducing load to approximately 490 GMWe to perform a Control Rod Sequence Exchange, Control Rod Drive Exercises for selected control rod drives, and Control Rod Scram Time Testing.

MAY 13 0713 Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.

MAY 15 0810 The unit attained rated thermal power.

MAY 19 2312 Shift began reducing load to approximately 700 GMWe to perform Control Rod Drive Exercises for selected control rod drives.

MAY 20 0208 Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.

MAY 20 0420 The unit attained rated thermal power.

PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: JUNE 1, 1995

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

MAY 27	0100	Shift began reducing load to approximately 725 GMWe to perform Control Rod Drive Exercises for selected control rod drives.
MAY 27	0208	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
MAY 27	0245	The unit attained rated thermal power.
MAY 31	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: JUNE 1, 1995
 COMPLETED BY: T. W. TIDWELL
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS

1. UNIT NAME:	E. I. HATCH - UNIT ONE
2. REPORT PERIOD:	MAY 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:	744.0	3623	170182
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	3623.0	129264.6
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	744.0	3623.0	124123.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1779468	8572226	279624566
17. GROSS ELECTRICAL ENERGY GENERATED (MWe):	578786	2808507	89920823
18. NET ELECTRICAL ENERGY GENERATED (MWe):	553737	2689123	85586829
19. UNIT SERVICE FACTOR:	100.0%	100.0%	72.9%
20. UNIT AVAILABILITY FACTOR:	100.0%	100.0%	72.9%
21. UNIT CAPACITY FACTOR (USING MDC NET):	100.4%	100.2%	67.2%
22. UNIT CAPACITY FACTOR (USING DER NET):	95.9%	95.6%	64.5%
23. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	11.0%
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

MAY 1995

DOCKET NO.: 50-321

DATE: JUNE 1, 1995

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	762
2	762
3	768
4	761
5	755
6	741
7	765
8	762
9	757
10	725
11	757
12	745
13	527
14	655
15	746
16	754
17	753
18	754
19	749
20	754
21	762
22	761
23	757
24	757
25	757
26	756
27	752
28	755
29	754
30	755
31	755

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321

DATE: JUNE 1, 1995

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: MAY 1995

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE EDME	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
95-004	950512	S	N/A	F	5	N/A	RC RB	FUELXX CONROD	Shift reduced load to approximately 490 GMWe to perform a Control Rod Sequence Exchange and Control Rod Scram Time Testing. While at reduced power, shift performed Control Rod Drive Exercises for 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* May 1995

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366
 DATE: JUNE 1, 1995
 COMPLETED BY: T. W. TIDWELL
 TELEPHONE: (912) 367-7781 x2878

MAY 1	0000	Shift continued to maintain approximately 700 GMWe while evaluating Main Turbine vibration.
May 3	1704	Shift began reducing load in preparation for a unit shut down to repair the No. 9 and No. 10 bearings on the Main Turbine Generator.
May 4	0238	Shift manually scrammed the reactor to repair the No. 9 and No. 10 bearings on the Main Turbine Generator.
May 7	1613	Shift began withdrawing control rods for unit start up after repairing the No. 9 and No. 10 bearings and journals on the Main Turbine Generator.
May 7	2245	Shift brought the reactor critical.
May 9	0208	Shift tied the unit to the grid and began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
May 10	0506	The unit attained rated thermal power.
May 10	1335	Shift began reducing load to approximately 690 GMWe to perform a Control Rod Pattern Adjustment.
May 10	2336	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
May 11	2024	The unit attained rated thermal power.
May 14	0015	Shift began reducing load to approximately 740 GMWe to perform Control Rod Drive Exercises for selected control rod drives.
May 14	0145	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
May 14	0230	The unit attained rated thermal power.
May 20	2311	Shift began reducing load to approximately 740 GMWe to perform Control Rod Drive Exercises for selected control rod drives.
May 21	0033	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
May 21	0134	The unit attained rated thermal power.

PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366
DATE: JUNE 1, 1995
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2878

MAY 28	0050	Shift began reducing load to approximately 600 GMWe to perform Turbine Control Valve and Turbine Bypass Valve Testing, Control Rod Drive Exercises for selected control rod drives, and a Rod Pattern Adjustment.
MAY 28	0810	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to prevent fuel degradation during ascension to rated thermal power.
MAY 29	1621	The unit attained rated thermal power.
MAY 31	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO: 50-366
 DATE: JUNE 1, 1995
 COMPLETED BY: T. W. TIDWELL
 TELEPHONE: (912) 367-7781 x2878

OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	MAY 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:	744.0	1623	137808
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	664.0	3385.9	106746.7
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	624.5	3232.8	102994.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWh):	1445547	7690420	227951344
17. GROSS ELECTRICAL ENERGY GENERATED (MWe):	472570	2540790	74678840
18. NET ELECTRICAL ENERGY GENERATED (MWe):	450587	2431046	71136861
19. UNIT SERVICE FACTOR:	83.9%	89.2%	74.7%
20. UNIT AVAILABILITY FACTOR:	83.9%	89.2%	74.7%
21. UNIT CAPACITY FACTOR (USING MDC NET):	79.2%	87.7%	67.6%
22. UNIT CAPACITY FACTOR (USING DER NET):	77.2%	85.6%	65.8%
23. UNIT FORCED OUTAGE RATE:	16.1%	10.8%	7.2%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
45 DAY REFUELING OUTAGE TENTATIVELY SCHEDULED FOR SEPTEMBER 20, 1995.			
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
MAY 1995

DOCKET NO: 50-366
DATE: JUNE 1, 1995
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2878

DAY	Net MWe
1	670
2	670
3	591
4	0
5	0
6	0
7	0
8	0
9	354
10	740
11	716
12	765
13	763
14	759
15	760
16	764
17	762
18	762
19	764
20	765
21	772
22	768
23	766
24	762
25	767
26	764
27	758
28	609
29	740
30	763
31	762

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366

DATE: JUNE 1, 1995

COMPLETED BY: T. W. TIDWELL

TELEPHONE: (912) 367-7781 x2878

REPORT MONTH: MAY 1995

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
95-003	950504	F	119.5	A	2	N/A	HA	GENERA (X)	The unit was manually scrammed to repair the No.9 and No. 10 bearings on the Main Turbine Generator. The No. 9 and No. 10 bearings and journals were repaired, 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.