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

November 7, 1996



Docket Nos. 50-321
50-366

HL-5265

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 October 1996 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 Technical Specifications requirements.

Sincerely,

J. T. Beckham, Jr.

SMS/ld

Enclosures:

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

cc: Georgia Power Company

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

U. S. Nuclear Regulatory Commission, Washington D. C.
Mr. K. Jabbour

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

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Enclosure 1

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

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321

DATE: NOVEMBER 5, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

| | | |
|------------|------|---|
| OCTOBER 1 | 0000 | Shift continued to maintain rated thermal power. |
| OCTOBER 4 | 2130 | Shift began reducing load to approximately 805 GMWe to perform a Rod Pattern Adjustment, Control Rod Drive Exercises on selected control rod drives, and Turbine Stop Valve and Bypass Valve Testing. |
| OCTOBER 4 | 2330 | Shift began ascension to rated thermal power. |
| OCTOBER 4 | 2345 | The unit attained rated thermal power. |
| OCTOBER 5 | 0718 | The unit experienced a partial loss of feedwater heating upon inadvertent isolation of extraction steam to the 8th Stage "A", 7th Stage "A", and 5th Stage "A" Feedwater Heaters. |
| OCTOBER 5 | 0720 | Shift began reducing load to approximately 600 GMWe in response to the partial loss of feedwater heating. |
| OCTOBER 5 | 1230 | All feedwater heaters were returned to service. Investigation revealed that the partial loss of feedwater heating was caused by a faulty control switch which resulted in closure of the 8th Stage "A" to 10th Stage "A" Feedwater Heater Low Level Dump Isolation Valve. |
| OCTOBER 5 | 1345 | Shift began ascension to rated thermal power. |
| OCTOBER 5 | 1805 | The unit attained rated thermal power. |
| OCTOBER 31 | 2400 | Shift continued to maintain rated thermal power. |

OPERATING DATA REPORT

DOCKET NO.: 50-321
 DATE: NOVEMBER 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: | OCTOBER 1996 |
| 3. LICENSED THERMAL POWER (MWt): | 2558 |
| 4. NAMEPLATE RATING (GROSS MWe): | 850 |
| 5. DESIGN ELECTRICAL RATING (NET MWe): | 822.1 |
| 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): | 840 |
| 7. MAXIMUM DEPENDABLE CAPACITY (NET MWe): | 805 |
| 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: | 745.0 | 7320 | 182639 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL: | 745.0 | 6367.3 | 140768.8 |
| 13. REACTOR RESERVE SHUTDOWN HOURS: | 0.0 | 0.0 | 0.0 |
| 14. HOURS GENERATOR ON LINE: | 745.0 | 6203.3 | 135463.4 |
| 15. UNIT RESERVE SHUTDOWN HOURS: | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWh _t): | 1899017 | 14775946 | 306584713 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWh _e): | 622616 | 4763177 | 98635509 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWh _e): | 597420 | 4541812 | 93905352 |
| 19. UNIT SERVICE FACTOR: | 100.0% | 84.7% | 74.2% |
| 20. UNIT AVAILABILITY FACTOR: | 100.0% | 84.7% | 74.2% |
| 21. UNIT CAPACITY FACTOR (USING MDC NET): | 99.6% | 79.0% | 68.7% |
| 22. UNIT CAPACITY FACTOR (USING DER NET): | 97.5% | 77.2% | 66.0% |
| 23. UNIT FORCED OUTAGE RATE: | 0.0% | 3.1% | 10.3% |
| 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
OCTOBER 1996

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

| DAY | Net MWe |
|----------|---------|
| 1 | 801 |
| 2 | 801 |
| 3 | 800 |
| 4 | 802 |
| 5 | 731 |
| 6 | 807 |
| 7 | 807 |
| 8 | 802 |
| 9 | 803 |
| 10 | 807 |
| 11 | 808 |
| 12 | 807 |
| 13 | 808 |
| 14 | 806 |
| 15 | 805 |
| 16 | 803 |
| 17 | 803 |
| 18 | 804 |
| 19 | 809 |
| 20 | 810 |
| 21 | 808 |
| 22 | 804 |
| 23 | 804 |
| 24 | 809 |
| 25 | 807 |
| 26 | 800 |
| 27 | 802 |
| 28 | 800 |
| 29 | 800 |
| 30 | 799 |
| 31 | 804 |

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

REPORT MONTH: OCTOBER 1996

DOCKET NO.: 50-321

DATE: NOVEMBER 5, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

| NO. | DATE | TYPE | DURATION (HOURS) | REASON | LICENSEE EVENT REPORT NUMBER | SYSC TO ED 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
Monthly Operating Report
October 1996**

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO.: 50-366

DATE: NOVEMBER 5, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

| | | |
|------------|------|---|
| OCTOBER 1 | 0000 | Shift continued to maintain approximately 85% of rated thermal power to facilitate repair of the flange leak on the 7th Stage "A" to 8th Stage "A" Feedwater Heater Low Level Dump Valve. |
| OCTOBER 1 | 0250 | Shift began ascension to rated thermal power. |
| OCTOBER 1 | 0447 | The unit attained rated thermal power. |
| OCTOBER 20 | 2125 | Shift began reducing load to approximately 830 GMWe to backwash and precoat Condensate Demineralizers "F" and "D". |
| OCTOBER 21 | 0002 | Shift began ascension to rated thermal power. |
| OCTOBER 21 | 0147 | The unit attained rated thermal power. |
| OCTOBER 27 | 0107 | Shift began reducing load to approximately 830 GMWe to perform Turbine Stop Valve and Bypass Valve Testing. |
| OCTOBER 27 | 0133 | Shift began ascension to rated thermal power. |
| OCTOBER 27 | 0146 | The unit attained rated thermal power. |
| OCTOBER 31 | 2400 | Shift continued to maintain rated thermal power. |

OPERATING DATA REPORT

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

OPERATING STATUS

| | |
|---|------------------------|
| 1. UNIT NAME: | E. I. HATCH - UNIT TWO |
| 2. REPORT PERIOD: | OCTOBER 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: | 745.0 | 7320 | 150265 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL: | 745.0 | 7213.1 | 117694.7 |
| 13. REACTOR RESERVE SHUTDOWN HOURS: | 0.0 | 0.0 | 0.0 |
| 14. HOURS GENERATOR ON LINE: | 745.0 | 7175.7 | 113826.7 |
| 15. UNIT RESERVE SHUTDOWN HOURS: | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWh): | 1902907 | 18133685 | 254499486 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWh): | 637725 | 6068576 | 83502835 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWh): | 612078 | 5819701 | 79577162 |
| 19. UNIT SERVICE FACTOR: | 100.0% | 98.0% | 75.8% |
| 20. UNIT AVAILABILITY FACTOR: | 100.0% | 98.0% | 75.8% |
| 21. UNIT CAPACITY FACTOR (USING MDC NET): | 101.6% | 98.3% | 69.3% |
| 22. UNIT CAPACITY FACTOR (USING DER NET): | 104.8% | 101.4% | 67.5% |
| 23. UNIT FORCED OUTAGE RATE: | 0.0% | 0.9% | 6.6% |
| 24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): | | | |
| 30 Day Refueling Outage tentatively scheduled for March 15, 1997. | | | |
| 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
OCTOBER 1996

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

| DAY | Net MWe |
|----------|---------|
| 1 | 801 |
| 2 | 818 |
| 3 | 816 |
| 4 | 820 |
| 5 | 824 |
| 6 | 822 |
| 7 | 823 |
| 8 | 820 |
| 9 | 822 |
| 10 | 825 |
| 11 | 825 |
| 12 | 825 |
| 13 | 825 |
| 14 | 824 |
| 15 | 824 |
| 16 | 822 |
| 17 | 821 |
| 18 | 822 |
| 19 | 826 |
| 20 | 824 |
| 21 | 826 |
| 22 | 825 |
| 23 | 823 |
| 24 | 827 |
| 25 | 825 |
| 26 | 819 |
| 27 | 818 |
| 28 | 819 |
| 29 | 818 |
| 30 | 817 |
| 31 | 822 |

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

REPORT MONTH: OCTOBER 1996

DOCKET NO.: 50-366

DATE: NOVEMBER 5, 1996

COMPLETED BY: S. B. ROGERS

TELEPHONE: (912) 367-7781 x2878

| NO. | DATE | TYPE | DURATION (HOURS) | REASON | LICENSEE EVENT REPORT NUMBER | SYSC TO ED 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.