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the southern electric system

W. G. Hairston, III
Senior Vice President
Nuclear Operations

March 15, 1989

ELV-00340
0199e

Director, Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

PLANT VOGTLE - UNITS 1, 2
NRC DOCKETS 50-424, 50-425
OPERATING LICENSES NPF-68, NPF-79
MONTHLY OPERATING REPORTS

Gentlemen:

Enclosed is a copy of the January, 1989 monthly operating report for Vogtle Unit 1 which has been updated to reflect revised plant operating information. Also enclosed are the February, 1989 monthly operating reports for Vogtle Units 1 and 2. These reports are submitted in accordance with Technical Specification 6.8.1.5.

Sincerely,

W. G. Hairston III

W. G. Hairston, III

JH/gm

Enclosures:
1. Revised Unit 1 Monthly Operating Report for January, 1989
2. Unit 1 Monthly Operating Report for February, 1989
3. Unit 2 Monthly Operating Report for February, 1989

c(w): Georgia Power Company
Mr. P. D. Rice
Mr. C. K. McCoy
Mr. J. P. Kane
Mr. G. Bockhold, Jr.
NORMS

U. S. Nuclear Regulatory Commission
Mr. S. Ebneter, Regional Administrator
Mr. J. B. Hopkins, Licensing Project Manager, NRR (2 copies)
Mr. J. F. Rogge, Senior Resident Inspector, Vogtle

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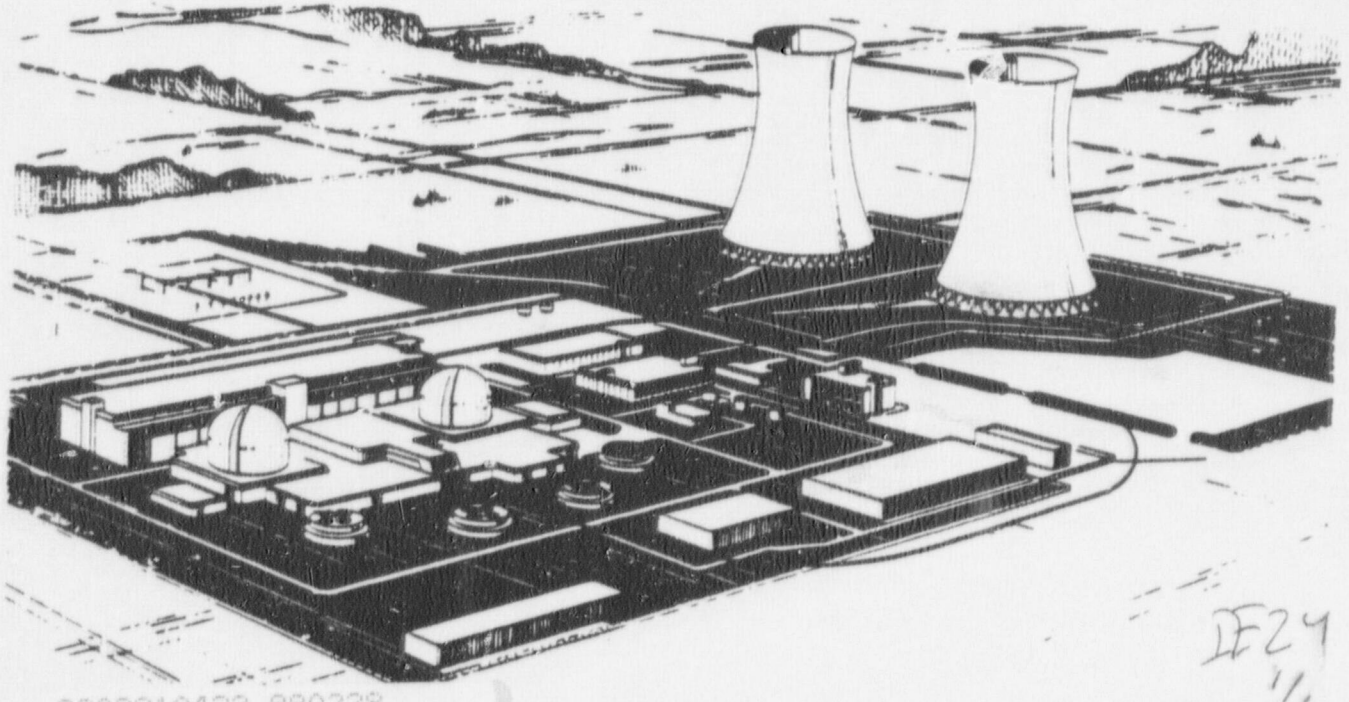
PDR ADOCK 05000424
R PDR

IE24
1/1

# GEORGIA POWER COMPANY

# MONTHLY OPERATING DATA REPORTS

# PLANT VOGTLE UNITS 1 AND 2



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ENCLOSURE 1

PLANT VOGTLE - UNIT 1
NRC DOCKET 50-424
OPERATING LICENSE NPF-68
REVISED MONTHLY OPERATING REPORT FOR JANUARY, 1989
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NARRATIVE REPORT
UNIT 1

DOCKET NO. 50-424
DATE: FEB 10, 1989
COMPLETED BY: R. A. MOYE
TELEPHONE: (404) 724-8114 x3212

| | | |
|---|---|---|
| JANUARY 1 | 0:00 | UNIT 1 AT 100% POWER WITH NO OPERATIONAL PROBLEMS. |
| JANUARY 19 | 13:50 | PREPARING FOR PLANT SHUTDOWN DUE TO PRESSURE BOUNDARY LEAK |
| JANUARY 19 | 14:30 | DECREASING LOAD. |
| JANUARY 19 | 17:35 | UNIT 1 REACTOR MANUALLY TRIPPED TO REPAIR PRESSURE BOUNDARY LEAK. |
| JANUARY 20 | 08:20 | UNIT 1 ENTERED MODE 5. |
| JANUARY 25 | 12:07 | UNIT 1 ENTERED MODE 4. |
| JANUARY 25 | 21:52 | UNIT 1 ENTERED MODE 3. |
| JANUARY 27 | 12:42 | UNIT 1 ENTERED MODE 2. |
| JANUARY 27 | 13:12 | REACTOR BECAME CRITICAL. |
| JANUARY 27 | 19:34 | UNIT 1 ENTERED MODE 1. |
| JANUARY 28 | 05:00 | UNIT 1 TIED TO GRID. |
| JANUARY 29 | 05:38 | UNIT 1 AT 100% POWER. |
| JANUARY 31 | 23:59 | UNIT 1 AT 100% POWER WITH NO OPERATIONAL PROBLEMS. |

OPERATING DATA REPORT

DOCKET NO. 50-424
DATE: FEB 10, 1989
COMPLETED BY: R.A. MOYE
TELEPHONE: (404) 724-8114 x3212

OPERATING STATUS

| | | |
|---|---|---|
| 1. | UNIT NAME: | A. W. VOGTLE UNIT 1 |
| 2. | REPORT PERIOD: | JAN 89 |
| 3. | LICENSED THERMAL POWER (MWt): | 3411 |
| 4. | NAMEPLATE RATING (GROSS MWe): | 1148 |
| 5. | DESIGN ELECTRICAL RATING (NET MWe): | 1101 |
| 6. | MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): | 1137 * |
| 7. | MAXIMUM DEPENDABLE CAPACITY (NET MWe): | 1083 * |
| 8. | IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: | * MDC WAS INCREASED 4 MEGAWATTS DUE TO COOLING TOWER IMPROVEMENTS. |
| 9. | POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWe): | NO RESTRICTIONS |
| 10. | REASONS FOR RESTRICTION, IF ANY: | N/A |

| | | THIS MONTH | YR. TO DATE | CUMULATIVE |
|---|---|---|---|---|
| 11. | HOURS IN REPORTING PERIOD: | 744 | 744 | 14665 |
| 12. | NUMBER OF HOURS REACTOR WAS CRITICAL: | 556.4 | 556.4 | 11431.5 |
| 13. | REACTOR RESERVE SHUTDOWN HOURS: | 0.0 | 0.0 | 0.0 |
| 14. | HOURS GENERATOR ON-LINE: | 540.6 | 540.6 | 11033.3 |
| 15. | UNIT RESERVE SHUTDOWN HOURS: | 0.0 | 0.0 | 0.0 |
| 16. | GROSS THERMAL ENERGY GENERATED (MWH): | 1771903 | 1771903 | 36203058.6 |
| 17. | GROSS ELEC. ENERGY GENERATED (MWH): | 587920 | 587920 | 11977990 |
| 18. | NET ELEC. ENERGY GENERATED (MWH): | 552000 | 552000 | 11264130 |
| 19. | REACTOR SERVICE FACTOR | 74.8% | 74.8% | 78.0% |
| 20. | REACTOR AVAILABILITY FACTOR | 74.8% | 74.8% | 78.0% |
| 21. | UNIT SERVICE FACTOR: | 72.7% | 72.7% | 75.2% |
| 22. | UNIT AVAILABILITY FACTOR: | 72.7% | 72.7% | 75.2% |
| 23. | UNIT CAPACITY FACTOR (USING MDC NET): | 68.5% | 68.5% | 71.2% |
| 24. | UNIT CAPACITY FACTOR (USING DER NET): | 67.4% | 67.4% | 69.8% |
| 25. | UNIT FORCED OUTAGE RATE: | 27.3% | 27.3% | 15.7% |

26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

27. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A
28. UNITS IN TEST STATUS ( PRIOR TO COMMERCIAL OPERATION): N/A

UNIT 1 AVERAGE DAILY POWER LEVEL

DOCKET NO. 50-424
DATE: FEB 10, 1989
COMPLETED BY: R. A. MOYE
TELEPHONE: (404) 724-8114 x3212

| DAY | Net MW | |
|---|---|---|
| 1 | 1099 | * |
| 2 | 1111 | * |
| 3 | 1107 | * |
| 4 | 1112 | * |
| 5 | 1112 | * |
| 6 | 1105 | * |
| 7 | 1099 | * |
| 8 | 1098 | * |
| 9 | 1062 | |
| 10 | 1038 | |
| 11 | 1004 | |
| 12 | 982 | |
| 13 | 966 | |
| 14 | 982 | |
| 15 | 970 | |
| 16 | 965 | |
| 17 | 978 | |
| 18 | 1040 | |
| 19 | 741 | |
| 20 | 0 | |
| 21 | 0 | |
| 22 | 0 | |
| 23 | 0 | |
| 24 | 0 | |
| 25 | 0 | |
| 26 | 0 | |
| 27 | 0 | |
| 28 | 416 | |
| 29 | 1089 | * |
| 30 | 1062 | |
| 31 | 1099 | * |

* MDC CAN BE EXCEEDED UNDER OPTIMAL CONDITIONS

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VOGTLE UNIT 1

DOCKET NO. 50-424
DATE: FEB 10, 1989
COMPLETED BY: R. A. MOYE
TELEPHONE: (404) 724-8114 x3212

REPORT MONTH JAN 89

| NO. | DATE | TYPE | DURATION (HOURS) | REASON | METHOD | LICENSEE EVENT REPORT NUMBER | SYSTEM CODE | COMPONENT CODE (SUBCODE) | CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE |
|---|---|---|---|---|---|---|---|---|---|
| 89-1 | 12-19 | F | 203.42 | A | 2 | 89-004 | AB | PZR | SEE BELOW |

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 - AUTO. SCRAM
4 - CONTINUATIONS
5 - LOAD REDUCTION
9 - OTHER (EXPLAIN)

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

89-1
CAUSE: HIGH VIBRATION DUE TO INADEQUATE PIPING SUPPORT ON A DRAIN LINE MANIFOLD CAUSING A CRACK TO DEVELOP IN A WELDED COUPLING.

89-1
CORRECTIVE ACTION: CRACK WAS REPAIRED AND NEW PIPE SUPPORTS ADDED TO REDUCE VIBRATION.