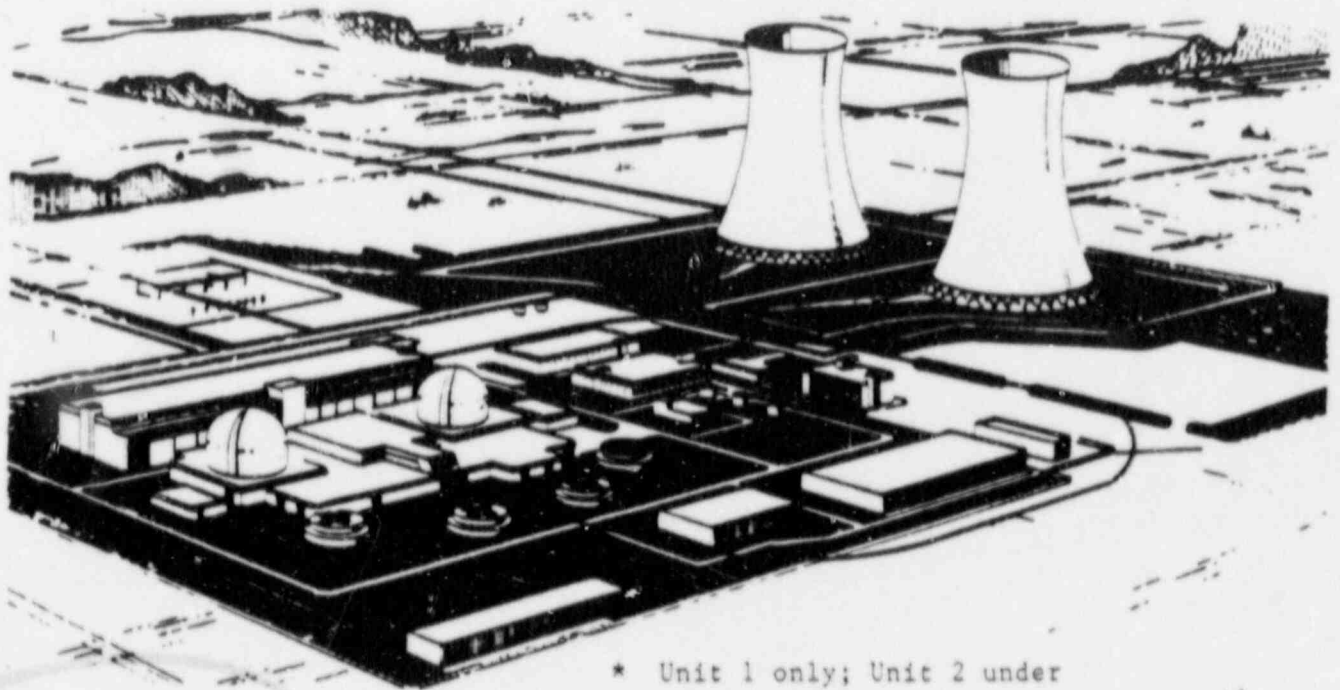
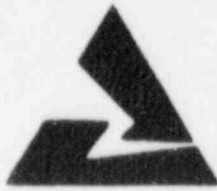


**GEORGIA POWER
COMPANY
MONTHLY OPERATING
DATA REPORT
PLANT VOGTLE UNIT 1***



* Unit 1 only; Unit 2 under construction.

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ENCLOSURE

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PLANT VOGTLE - UNIT 1
NRC DOCKET 50-424
OPERATING LICENSE NPF-68
MONTHLY OPERATING REPORT
January, 1988

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NARRATIVE REPORT
UNIT 1

DOCKET NO. 50-424
DATE: FEB 2, 1988
COMPLETED BY: S.C. DILWORTH
TELEPHONE: (404) 724-8114 x3870

JANUARY 1 00:00 UNIT OPERATING AT 99% POWER WITH NO OPERATING PROBLEMS.
JANUARY 17 19:02 REACTOR TRIP ON LOW FLOW AFTER DISTANCE RELAY TRIPPED RCP #2.
JANUARY 21 03:30 FORCED OUTAGE CHANGED TO MAINTENANCE OUTAGE TO REPLACE GENERATOR SEALS.
JANUARY 23 02:35 "MUE" DECLARED DUE TO PRESSURE BOUNDARY LEAKAGE, PLANT COOLDOWN TO MODE 5.
JANUARY 24 03:36 PLANT ENTERED MODE 5
JANUARY 28 02:30 PLANT ENTERED MODE 4
JANUARY 31 24:00 PLANT IN MODE 4 STILL IN A FORCED OUTAGE. PLANNING TO START UP IN 10 DAYS.

SUMMARY REPORT
UNIT 1

THE FOLLOWING ITEMS WERE MODIFIED AND OR REPAIRED DURING THE OUTAGE. ALL WERE CRITICAL PATH ITEMS AND ARE LISTED IN THE ORDER THEY HAPPENED.

1. RCP #2 DISTANCE RELAY KD-10 MALFUNCTIONED CAUSING THE RCP TO TRIP. THIS WAS THE CRITICAL PATH UNTIL MAINTENANCE OF GENERATOR SEALS.
2. GENERATOR SEAL REPAIR TO #9 AND #10 BEARINGS WHICH WAS TO BE THE CRITICAL PATH FOR 11 DAYS.
3. RCS PRESSURE LINE 1-1201-44-104 REPAIR WHICH REPLACED SEAL REPAIR ITEM 2 ON THE CRITICAL PATH.
4. RCP #1 1E AND NON-1E BREAKER REPAIR BECAME THE CRITICAL PATH ON JANUARY 28.
5. RHR CROSS CONNECT VALVE MOTORS 1-HV-8716 A & B WERE DAMAGED AND BECAME THE CRITICAL PATH ON JANUARY 29. THEY REMAIN ON THE CRITICAL PATH AT THE END OF THE MONTH.

OPERATING DATA REPORT

DOCKET NO. 50-424
 DATE: FEB 2, 1988
 COMPLETED BY: S.C. DILWORTH
 TELEPHONE: (404) 724-8114 x3870

OPERATING STATUS

- | | |
|--|------------------------------------|
| 1. UNIT NAME: | A. W. VOSTLE UNIT 1 |
| 2. REPORT PERIOD: | Jan-88 |
| 3. LICENSED THERMAL POWER (Mwt): | 3411 |
| 4. NAMEPLATE RATING (GROSS MWe): | 1157 |
| 5. DESIGN ELECTRICAL RATING (NET MWe): | 1101 |
| 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): | 1133 |
| 7. MAXIMUM DEPENDABLE CAPACITY (NET MWe): | 1079 |
| 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: | NEW MDC BASED ON 1987 PERFORMANCE. |
| 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 | 5881 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL: | 403.0 | 403.0 | 4455.9 |
| 13. REACTOR RESERVE SHUTDOWN HOURS: | 0.0 | 0.0 | 0.0 |
| 14. HOURS GENERATOR ON-LINE: | 403.0 | 403.0 | 4323.6 |
| 15. UNIT RESERVE SHUTDOWN HOURS: | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MMH): | 1365280 | 1365280 | 14026449 |
| 17. GROSS ELEC. ENERGY GENERATED (MMH): | 458820 | 458820 | 4642800 |
| 18. NET ELEC. ENERGY GENERATED (MMH): | 423830 | 423830 | 4348350 |
| 19. REACTOR SERVICE FACTOR | 54.2% | 54.2% | 75.8% |
| 20. REACTOR AVAILABILITY FACTOR | 54.2% | 54.2% | 75.8% |
| 21. UNIT SERVICE FACTOR: | 54.2% | 54.2% | 73.5% |
| 22. UNIT AVAILABILITY FACTOR: | 54.2% | 54.2% | 73.5% |
| 23. UNIT CAPACITY FACTOR (USING MDC NET): | 52.8% | 52.8% | 68.5% |
| 24. UNIT CAPACITY FACTOR (USING DER NET): | 51.7% | 51.7% | 67.2% |
| 25. UNIT FORCED OUTAGE RATE: | 42.2% | 42.2% | 22.3% |
| 26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): | | | NONE |
| 27. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: | | | FEBRUARY 10, 1988 |
| 28. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): | | | N/A |

UNIT 1 AVERAGE DAILY
POWER LEVEL

DOCKET NO. 50-424
DATE: FEB 2, 1988
COMPLETED BY: S. C. DILWORTH
TELEPHONE: (404) 724-8114 x3870

| DAY | Net MW |
|----------|--------|
| 1 | 1090 |
| 2 | 1082 |
| 3 | 1085 |
| 4 | 1083 |
| 5 | 1090 |
| 6 | 1085 |
| 7 | 1078 |
| 8 | 1080 |
| 9 | 1083 |
| 10 | 1081 |
| 11 | 1086 |
| 12 | 1083 |
| 13 | 1088 |
| 14 | 1085 |
| 15 | 1082 |
| 16 | 1079 |
| 17 | 852 |
| 18 | 0 |
| 19 | 0 |
| 20 | 0 |
| 21 | 0 |
| 22 | 0 |
| 23 | 0 |
| 24 | 0 |
| 25 | 0 |
| 26 | 0 |
| 27 | 0 |
| 28 | 0 |
| 29 | 0 |
| 30 | 0 |
| 31 | 0 |

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VOITLE UNIT 1

DOCKET NO. 50-424
 DATE: FEB 2, 1988
 COMPLETED BY: S. C. DILWORTH
 TELEPHONE: (404) 724-8114 x3870

REPORT MONTH Jan-88

| NO. | DATE | P | DURATION (HOURS) | REASON | | EVENT REPORT NUMBER | LICENSEE S C T O E D M E | COMPONENT CODE (SUBCODE) | CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE |
|------|--------|---|---------------------|--------|---|---------------------------|--------------------------------------|--------------------------------|---|
| | | | | A | T | | | | |
| 88-1 | JAN 17 | F | 80.47 | A | 3 | * | EA | RLY | SEE BELOW |
| 88-2 | JAN 21 | S | 47.08 | B | 4 | N/A | ZZ | ZZZZZZ | SEE BELOW |
| 88-3 | JAN 23 | F | 213.42 | A | 4 | N/A | ZZ | ZZZZZZ | SEE BELOW |

* LER TO BE ASSIGNED

88-1 CAUSE: AN AUTOMATIC REACTOR TRIP OCCURRED DUE TO A LOW FLOW ACTUATION SIGNAL AS A RESULT OF RCP #2 BEING TRIPPED BY MALFUNCTION OF THE KD-10 DISTANCE RELAY #1NAB06-221.

CORRECTIVE ACTION: THE KD-10 DISTANCE RELAY WAS REPLACED AND CALIBRATED ON 1-22-88. TESTING ON THE REMOVED RELAY AND A DESIGN MODIFICATION ARE BEING EVALUATED. THE TEST RESULTS AND THE DESIGN EVALUATION ARE SCHEDULED TO BE COMPLETED BY APRIL 15, 1988.

88-2 MAINTENANCE OUTAGE: A MAINTENANCE OUTAGE WAS DECLARED TO REPLACE UPPER HYDROGEN SEALS #9 & 10 IN THE GENERATOR.

88-3 CAUSE: A RCS LEAK WAS FOUND ON LINE 1-1201-068-124 AND A NUC DECLARED.

CORRECTIVE ACTION: UNIT WAS COOLED TO MODE 3 CONDITIONS AND THE LEAK REPAIRED.

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 PRECEDING 24 HOURS.

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Telephone 404 526-6526

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L. T. Guwa
Manager Nuclear Safety
and Licensing



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February 12, 1988

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

PLANT VOGTLE - UNIT 1
NRC DOCKET 50-424
OPERATING LICENSE NPF-68
MONTHLY OPERATING REPORT

Gentlemen:

Enclosed is the Monthly Operating Report for Vogtle Unit 1 for January, 1988. This report is submitted in accordance with the requirements of Technical Specification Section 6.8.1.5.

Sincerely,

L. T. Guwa

JAE/lm

Enclosure:

1. Vogtle Unit 1 Monthly Operating Report for January, 1988

c: (see next page)

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U. S. Nuclear Regulatory Commission
February 12, 1988
Page Two

c: Georgia Power Company

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Mr. J. B. Hopkins, Licensing Project Manager, NRR (2 copies)
Mr. J. F. Rogge, Senior Resident Inspector-Operations, Vogtle
NRC Document Control Desk