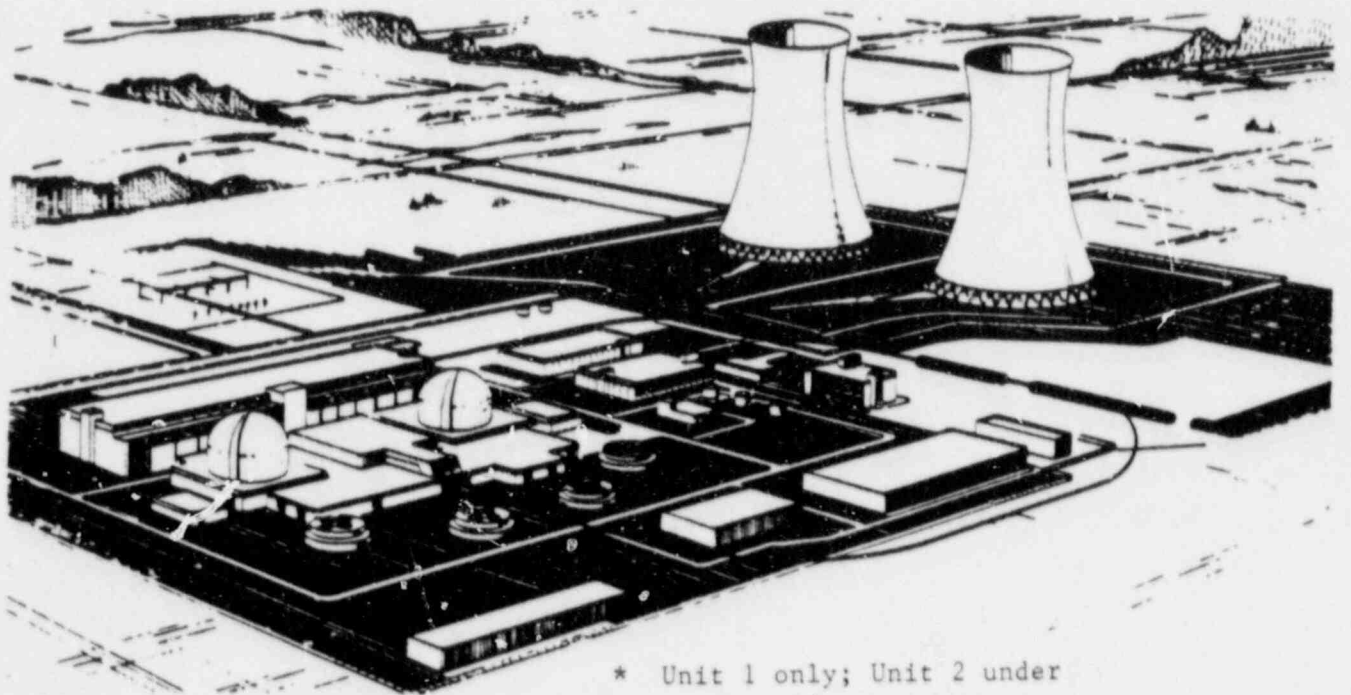


**GEORGIA POWER  
COMPANY  
MONTHLY OPERATING  
DATA REPORT  
PLANT VOGTLE UNIT 1\***



\* Unit 1 only; Unit 2 under construction.

8805260332 880430  
PDR ADOCK 05000424  
R DCD

*FE24*  
*11*

ENCLOSURE

TABLE OF CONTENTS  
PLANT VOGTLE - UNIT 1  
NRC DOCKET 50-424  
OPERATING LICENSE NPF-68  
MONTHLY OPERATING REPORT  
April, 1988

NARRATIVE REPORT	Page E-1
OPERATING DATA REPORT	Page E-2
AVERAGE DAILY POWER LEVEL	Page E-3
UNIT SHUTDOWNS AND POWER REDUCTIONS	Page E-4

NARRATIVE REPORT  
UNIT 1

DOCKET NO. 50-424  
DATE: MAY 3, 1988  
COMPLETED BY: S.C. DILWORTH  
TELEPHONE: (404) 724-8114 x3870

APRIL 1	00:00	UNIT OPERATING AT 100% POWER WITH NO OPERATING PROBLEMS.
APRIL 7	08:46	REACTOR TRIP DUE TO TURBINE TRIP, TURBINE TRIP ON HIGH STATOR COOLING TEMPERATURE.
APRIL 8	01:25	MANUALLY TRIPPED MAIN TURBINE AND OPENED REACTOR TRIP BREAKERS. PLANT STILL IN MODE 3 FROM PREVIOUS TRIP.
APRIL 8	23:40	UNIT 1 ENTERED MODE 2.
APRIL 9	00:17	UNIT 1 REACTOR IS CRITICAL.
APRIL 9	03:17	UNIT 1 ENTERED MODE 1.
APRIL 9	11:03	UNIT 1 TIED TO GRID.
APRIL 10	15:52	UNIT 1 OPERATING AT 100% POWER WITH NO OPERATING PROBLEMS.
APRIL 20	10:00	NI-41 INOPERABLE, REDUCED POWER TO 98%.
APRIL 20	13:05	INCREASING POWER TO 100%.
APRIL 20	15:00	OPERATING AT 100% POWER WITH NO OPERATING PROBLEMS.
APRIL 24	09:22	MANUAL REACTOR TRIP DUE TO STEAM GENERATOR #4 LEVEL AT 42%. LOOP 4 MAIN FEEDWATER ISOLATION VALVE NOT RESPONDING TO OPEN SIGNAL.
APRIL 27	11:45	UNIT 1 ENTERED MODE 2.
APRIL 27	12:15	UNIT 1 REACTOR IS CRITICAL.
APRIL 27	21:08	UNIT 1 ENTERED MODE 1.
APRIL 28	03:37	UNIT 1 TIED TO GRID.
APRIL 29	04:00	UNIT 1 OPERATING AT 100% POWER WITH NO OPERATING PROBLEMS.
APRIL 30	24:00	UNIT 1 OPERATING AT 100% POWER WITH NO OPERATING PROBLEMS.

SUMMARY REPORT  
UNIT 1

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

1. THE ONLY CRITICAL PATH ITEM FOR THE OUTAGE ON APRIL 7 WAS REPLACEMENT OF THE UNDERSIZED LINKAGE SHAFT WITH THE CORRECT SIZE SHAFT ON VALVE ITCV-6800
2. THE CRITICAL PATH ITEMS FOR THE OUTAGE ON APRIL 24 INCLUDED REPLACEMENT OF FOUR RELAYS, TWO AGASTAT TIMERS AND TWO AIR SOLENOIDS. ON APRIL 26, TRANSFORMER NB-10 WAS SHORTED OUT AND WAS REPLACED WITH TRANSFORMER ANB06, WHICH BECAME THE CRITICAL PATH ITEM.

OPERATING DATA REPORT

DOCKET NO. 50-424  
 DATE: MAY 3, 1988  
 COMPLETED BY: S.C. DILWORTH  
 TELEPHONE: (404) 724-8114 x3870

OPERATING STATUS

1. UNIT NAME: A. W. VOGTLE UNIT 1  
 2. REPORT PERIOD: APR 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:  
 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:	719	2903	8040
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	604.6	2224.9	6277.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE:	578.5	2158.6	6079.2
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH):	1907244	7116240	19777287.8
17. GROSS ELEC. ENERGY GENERATED (MWH):	635710	2371050	6355030
18. NET ELEC. ENERGY GENERATED (MWH):	598280	2224740	6146280
19. REACTOR SERVICE FACTOR	84.1%	76.6%	78.1%
20. REACTOR AVAILABILITY FACTOR	84.1%	76.6%	78.1%
21. UNIT SERVICE FACTOR:	80.5%	74.4%	75.6%
22. UNIT AVAILABILITY FACTOR:	80.5%	74.4%	75.6%
23. UNIT CAPACITY FACTOR (USING MDC NET):	77.1%	71.0%	70.8%
24. UNIT CAPACITY FACTOR (USING DER NET):	75.6%	69.6%	69.4%
25. UNIT FORCED OUTAGE RATE:	19.5%	24.4%	21.3%
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH) REFUELING OUTAGE SEPTEMBER 18, 1988 50 DAYS.			
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: MAY 3, 1988  
COMPLETED BY: S. C. DILWORTH  
TELEPHONE: (404) 724-8114 x3870

DAY	Net MW
1 .....	1087
2 .....	1045
3 .....	1083
4 .....	1083
5 .....	1091
6 .....	1092
7 .....	374
8 .....	0
9 .....	187
10 .....	963
11 .....	1088
12 .....	1090
13 .....	1089
14 .....	1090
15 .....	1084
16 .....	1093
17 .....	1089
18 .....	1088
19 .....	1085
20 .....	1082
21 .....	1086
22 .....	1086
23 .....	1087
24 .....	396
25 .....	0
26 .....	0
27 .....	0
28 .....	444
29 .....	1083
30 .....	1095

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VOGTLE UNIT 1

DOCKET NO. 50-424  
 DATE: MAY 3, 1988  
 COMPLETED BY: S. C. DILWORTH  
 TELEPHONE: (404) 724-8114 x3870

REPORT MONTH APR 88

NO.	DATE	P	DURATION (HOURS)	R E A S O N	M E T H O D	S E E L I C E N S E E R E P O R T N U M B E R	S Y S T E M C O M P O N E N T C O D E (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
88-7	880407	F	50.28	A 3	N/A	TJ	TCV	SEE BELOW
88-8	880424	F	90.25	A 2	N/A	SJ	ISV	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.

88-7 CAUSE: THE CAUSE OF THIS EVENT IS A FAILURE OF A LINKAGE SHAFT ON STATOR COOLING VALVE (1TCV-6800) TEMPERATURE CONTROLLER. VIBRATION OF UNDERLYING EQUIPMENT SKID LED THE UNDERSIZED LINKAGE SHAFT TO STRIP THE ENGAGED THREADS AND DROP OUT OF A NYLON THUMB NUT, GIVING A SIGNAL FOR 1TCV-6800 TO CLOSE.

88-7 CORRECTIVE ACTION: IMMEDIATE CORRECTIVE ACTION INCLUDES REPLACEMENT OF THE UNDERSIZED LINKAGE SHAFT WITH THE CORRECT SIZE SHAFT.

88-8 CAUSE: REACTOR OPERATOR MANUALLY TRIPPED THE REACTOR IN ANTICIPATION OF AN AUTOMATIC TRIP DUE TO STEAM GENERATOR #4 LEVEL AT 42%. OPERATORS WERE MANUALLY UNABLE TO OPEN LOOP #4 MAIN FEEDWATER ISOLATION VALVE. THE VALVE WOULD NOT RESPOND TO AN OPEN SIGNAL.

88-8 CORRECTIVE ACTION: THE CORRECTIVE ACTION WAS TO REPLACE THOSE COMPONENTS WHICH ACTIVATE THE LOOP #4 MAIN FEEDWATER ISOLATION VALVE. THEY INCLUDE: FOUR RELAYS, TWO AGASTAT TIMERS AND TWO AIR SOLENOIDS.

Georgia Power Company  
333 Piedmont Avenue  
Atlanta, Georgia 30308  
Telephone 404 526-8526

Mailing Address:  
Post Office Box 4545  
Atlanta, Georgia 30302

R. P. McDonald  
Executive Vice President  
Nuclear Operations

*The southern electric system*

SL-4661  
0080m  
X7GJ17-V510

May 16, 1988

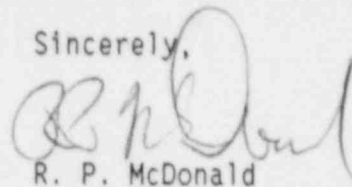
Director, Office of Resource Management  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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 April, 1988. This report is submitted in accordance with the requirements of Technical Specification Section 6.8.1.5.

Sincerely,



R. P. McDonald

JAE/lm

Enclosure:

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

c: Georgia Power Company  
Mr. P. D. Rice  
Mr. G. Bockhold, Jr.  
GO-NORMS

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

IE24  
1/1