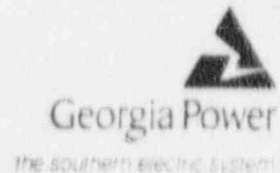


Georgia Power Company
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, Alabama 35201
Telephone 205 877-7122

C. K. McCoy
Vice President, Nuclear
Vogtle Project

April 10, 1991



ELV-02712
0923

Docket Nos. 50-424
50-425

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

Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT
MONTHLY OPERATING REPORTS

Enclosed are the March, 1991 monthly operating reports for Vogtle Units 1 and 2. These reports are submitted in accordance with Technical Specification 6.8.1.5.

Sincerely,

C.K.M.'G
C. K. McCoy

CKM/JLL/gm

Enclosures:

1. Monthly Operating Report - VEGP Unit 1
2. Monthly Operating Report - VEGP Unit 2
3. Challenges to PORV or Safety Valves - VEGP Units 1 and 2

xc: Georgia Power Company

Mr. W. B. Shipman
Mr. P. D. Rushton
Mr. S. H. Chesnut
NORMS

U. S. Nuclear Regulatory Commission

Mr. S. D. Ebrister, Regional Administrator
Mr. D. S. Hood, Licensing Project Manager, NRR
Mr. B. R. Bonser, Senior Resident Inspector, Vogtle
Document Control Desk

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ENCLOSURE 1

VOGTLE ELECTRIC GENERATING PLANT - UNIT 1
MONTHLY OPERATING REPORT FOR MARCH, 1991

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NARRATIVE REPORT
UNIT 1

DOCKET NO. 50-424
DATE: APRIL 5, 1991
COMPLETED BY: S. C. BAILEY
TELEPHONE: (404) 826-3161

MARCH 01 00:00 UNIT 1 AT 80% POWER DUE TO GRID INSTABILITY AND CONTINUATION OF HEATER
DRAIN PUMP A MAINTENANCE.
MARCH 01 21:00 GRID INSTABILITY PROBLEM RESOLVED, UNIT RETURNED TO 90% POWER.
MARCH 06 23:00 HEATER DRAIN PUMP RESTORED TO SERVICE, UNIT AT 100% POWER.
MARCH 31 23:59 UNIT 1 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.

OPERATING DATA REPORT

DOCKET NO. 50-424

DATE: APRIL 5, 1991

COMPLETED BY: S. C. BAILEY

TELEPHONE: (404) 826-3161

OPERATING STATUS

1. UNIT NAME: VEGP UNIT 1
 2. REPORT PERIOD: MARCH 1991
 3. LICENSED THERMAL POWER (MWt): 3411
 4. NAMEPLATE RATING (GROSS MWe): 1215
 5. DESIGN ELECTRICAL RATING (NET MWe): 1101
 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): 1154
 7. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 1100
 8. IF CHANGES OCCUR IN CAPACITY RATINGS
 (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: N/A
 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	2160	33601
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	2160	28618.5
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0	0
14. HOURS GENERATOR ON-LINE:	744.0	2160	27914.292
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH):	2495386	7291002	92484612.9
17. GROSS ELEC. ENERGY GENERATED (MWH):	840810	2475010	30769460
18. NET ELEC. ENERGY GENERATED (MWH):	802770	2362820	29124730
19. REACTOR SERVICE FACTOR	100.0%	100.0%	85.2%
20. REACTOR AVAILABILITY FACTOR	100.0%	100.0%	85.2%
21. UNIT SERVICE FACTOR:	100.0%	100.0%	83.1%
22. UNIT AVAILABILITY FACTOR:	100.0%	100.0%	83.1%
23. UNIT CAPACITY FACTOR (USING MDC NET):	98.1%	99.4%	80.1%
24. UNIT CAPACITY FACTOR (USING DER NET):	98.0%	99.4%	78.7%
25. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	8.2%
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): REFUELING - SEPTEMBER 13, 1991			
27. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	N/A		

UNIT 1 AVERAGE DAILY
 POWER LEVEL

DOCKET NO. 50-424
DATE: APRIL 5, 1991
COMPLETED BY: S. C. BAILEY
TELEPHONE: (404) 826-3161

DAY	Net MW
1	889
2	941
3	943
4	957
5	1061
6	1070
7	1098
8	1108 *
9	1109 *
10	1108 *
11	1110 *
12	1107 *
13	1103 *
14	1107 *
15	1109 *
16	1112 *
17	1112 *
18	1106 *
19	1110 *
20	1112 *
21	1110 *
22	1101 *
23	1087
24	1094
25	1099
26	1095
27	1083
28	1080
29	1103 *
30	1115 *
31	1112 *

* MDC CAN BE EXCEEDED UNDER OPTIMAL CONDITIONS

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VEGP UNIT 1

JACKET NO. 50-424

DATE: APRIL 5, 1991

COMPLETED BY: S. C. BAILEY

TELEPHONE: (404) 826-3161

REPORT MONTH MARCH 1991

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 E M	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.

ENCLOSURE 2

VOGTLE ELECTRIC GENERATING PLANT - UNIT 2
MONTHLY OPERATING REPORT FOR MARCH, 1991

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UNIT SHUTDOWNS AND POWER REDUCTIONS	Page V2-4

NARRATIVE REPORT
UNIT 2

DOCKET NO. 50-425
DATE: APRIL 5, 1991
COMPLETED BY: S. C. BAILEY
TELEPHONE: (404) 826-3161

MARCH 01 00:00 UNIT 2 AT 80% POWER DUE TO GRID INSTABILITY, NO OTHER OPERATION PROBLEMS.
MARCH 01 21:00 UNIT 2 RETURNED TO 100% POWER, GRID INSTABILITY PROBLEM RESOLVED.
MARCH 15 20:46 UNIT 2 BEGAN POWER REDUCTION IN PREPARATION FOR PLANNED OUTAGE
TO REPAIR STEAM GENERATOR (S/G) 4 SECONDARY SIDE HANDHOLE LEAK.
MARCH 16 05:23 MANUAL TURBINE TRIP/REACTOR TRIP FOR PLANNED OUTAGE, ENTERED MODE 3.
MARCH 18 19:45 ENTERED MODE 2.
MARCH 18 21:03 REACTOR CRITICAL.
MARCH 18 23:38 ENTERED MODE 1.
MARCH 19 01:18 GENERATOR TIED TO GRID.
MARCH 19 11:00 UNIT 2 RETURNED TO 41% POWER.
MARCH 19 11:00 UNIT 2 BEGAN POWER REDUCTION IN PREPARATION FOR PLANNED OUTAGE
TO REPAIR STEAM GENERATOR (S/G) 4 SECONDARY SIDE HANDHOLE LEAK.
MARCH 19 14:11 MANUAL TURBINE TRIP/REACTOR TRIP FOR PLANNED OUTAGE, ENTERED MODE 3.
MARCH 20 01:03 ENTERED MODE 4.
MARCH 20 05:30 ENTERED MODE 5.
MARCH 22 03:55 ENTERED MODE 4.
MARCH 22 19:51 ENTERED MODE 3.
MARCH 23 17:08 ENTERED MODE 2.
MARCH 23 18:17 REACTOR CRITICAL.
MARCH 23 23:51 ENTERED MODE 1.
MARCH 24 02:17 GENERATOR TIED TO GRID.
MARCH 25 00:30 UNIT RETURNED TO 100% POWER.
MARCH 26 12:51 BEGAN POWER REDUCTION TO 70% TO REMOVE ONE CIRCULATING WATER PUMP
FROM SERVICE TO ALLOW SCREEN REMOVAL.
MARCH 26 16:58 REMOVED CIRC WATER PUMP FROM SERVICE, UNIT 2 AT 68% POWER.
MARCH 27 11:43 BEGAN POWER INCREASE TO 80%.
MARCH 27 16:34 RESTORED CIRC WATER PUMP, POWER INCREASE TO 100% IN PROGRESS.
MARCH 27 22:04 UNIT 2 RETURNED TO 100% POWER.
MARCH 31 23:59 UNIT 2 100% POWER WITH NO OPERATIONAL PROBLEMS.

OPERATING DATA REPORT

DOCKET NO. 50-425
 DATE: APRIL 5, 1991
 COMPLETED BY: S. C. BAILEY
 TELEPHONE: (404) 826-3161

OPERATING STATUS

1. UNIT NAME:
2. REPORT PERIOD:
3. LICENSED THERMAL POWER (MWt):
4. NAMEPLATE RATING (GROSS MWe):
5. DESIGN ELECTRICAL RATING (NET MWe):
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe):
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):
8. IF CHANGES OCCUR IN CAPACITY RATINGS
 (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

VEGP UNIT 2
 MARCH 1991
 3411
 1215
 1101
 1151
 1097
 N/A

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWe):
10. REASONS FOR RESTRICTION, IF ANY:

NO RESTRICTIONS
 N/A

	THIS MONTH	YR. TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	744	2160	16345
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	580.2	1931.8	14469.1
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE:	568.0	1902.6	14137.6
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH):	1085	5804152	44703397
17. GROSS ELEC. ENERGY GENERATED (MWH):	14206	1983664	15042102
18. NET ELEC. ENERGY GENERATED (MWH):	588286	1877404	14279492
19. REACTOR SERVICE FACTOR	78.0%	89.4%	88.5%
20. REACTOR AVAILABILITY FACTOR	78.0%	89.4%	88.5%
21. UNIT SERVICE FACTOR:	76.3%	88.1%	86.5%
22. UNIT AVAILABILITY FACTOR:	76.3%	88.1%	86.5%
23. UNIT CAPACITY FACTOR (USING MDC NET):	72.1%	79.2%	79.5%
24. UNIT CAPACITY FACTOR (USING DER NET):	71.8%	78.9%	79.3%
25. UNIT FORCED OUTAGE RATE:	0.0%	4.1%	2.5%
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:	N/A		

UNIT 2 AVERAGE DAILY
 FOWER LEVEL

DOCKET NO. 50-425
DATE: APRIL 5, 1981
COMPLETED BY: S. C. BAILEY
TELEPHONE: (404) 826-3161

DAY	Net MW
1	968
2	1123 *
3	1123 *
4	1129 *
5	1130 *
6	1121 *
7	1117 *
8	1130 *
9	1131 *
10	1130 *
11	1131 *
12	1127 *
13	1125 *
14	1128 *
15	1096
16	42
17	0
18	0
19	118
20	0
21	0
22	0
23	0
24	587
25	1066
26	960
27	823
28	1099 *
29	1107 *
30	1119 *
31	1122 *

* MDC CAN BE EXCEEDED UNDER OPTIMAL CONDITIONS

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-425

DATE: APRIL 5, 1991

UNIT NAME: VEGP UNIT 2

COMPLETED BY: S. C. BAILEY

TELEPHONE: (401) 826-3161

REPORT MONTH MARCH 1991

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 E M C O D E	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
91-4	3/15	S	0.0	B	5	NA	SJ	SG	SEE BELOW
91-5	3/16	S	67.9	B	2	NA	SJ	SG	SEE BELOW
91-6	3/19	S	108.1	B	2	NA	SJ	SG	SEE BELOW
91-7	3/26	F	0.0	B	5	NA	SG	SCN	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 PRECEDING 24 HOURS.

91-4

CAUSE: The number 4 Steam generator was leaking at a secondary side handhole.

CORRECTIVE ACTION: Began power reduction in preparation for unit outage to conduct steam generator handhole leak repairs.

91-5

CAUSE: The number 4 Steam generator was leaking at a secondary side handhole.

CORRECTIVE ACTION: Unit taken off line to repair the leak. A temporary modification was made to repair the leak using leak repair compounds.

91-6

CAUSE: The number 4 Steam generator continued to leak at the secondary side handhole.

CORRECTIVE ACTION: The unit was taken to mode 5, the steam generator mating surface was machined, and a new handhole flange was installed.

91-7

CAUSE: Due to excessive buildup on circulating water screens, unit power reduction was required to allow removal of one circulating water pump from service. Pump removal was required to repair the damaged screen.

CORRECTIVE ACTION: Circulating water screens were cleaned and repaired, the circulating water pump was returned to service and power was returned to 100%.

ENCLOSURE 3

VOGTLE ELECTRIC GENERATING PLANT - UNITS 1 AND 2
MONTHLY OPERATING REPORT FOR MARCH, 1991

CHALLENGES TO PORV OR SAFETY VALVES

(ENCLOSURE 3)

VEGP UNITS 1 & 2

DOCKET NOS. 50-424,50-425
DATE: APRIL 5, 1991
COMPLETED BY: S. C. BAILEY
TELEPHONE: (404) 826-3161

DATE	TAG NO.	EVENT TYPE	DESCRIPTION
			THERE WERE NO CHALLENGES TO PORV OR SAFETY VALVES.