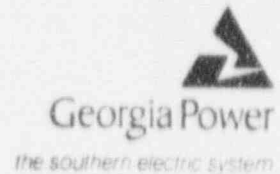


Georgia Power Company
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, Alabama 35201
Telephone 205 877-7122

C. K. McCoy
Vice President, Nuclear
Vogtle Project



May 13, 1991

ELV-02804
0966

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 April, 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. 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

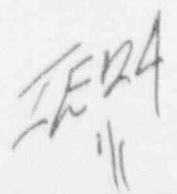
xc: Georgia Power Company

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

U. S. Nuclear Regulatory Commission

Mr. S. D. Ebner, 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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PDR ADOCK 05000424
R PDR



ENCLOSURE 1

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

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UNIT SHUTDOWNS AND POWER REDUCTIONS	Page V1-4

NARRATIVE REPORT
UNIT 1

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

APRIL 1 00:00 UNIT 1 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.
APRIL 30 23:59 UNIT 1 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.

OPERATING DATA REPORT

DOCKET NO. 50-424

DATE: MAY 5, 1991

COMPLETED BY: S. C. BAILEY

TELEPHONE: (404) 826-3161

OPERATING STATUS

1. UNIT NAME: VEGP UNIT 1
 2. REPORT PERIOD: APRIL 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:	719	2879	34320
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	719.0	2879.0	29337.5
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0	0
14. HOURS GENERATOR ON-LINE:	719.0	2879.0	28633.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH):	2449552	9740554	94934165
17. GROSS ELEC. ENERGY GENERATED (MWH):	830180	3305190	31599640
18. NET ELEC. ENERGY GENERATED (MWH):	794280	3157100	29919010
19. REACTOR SERVICE FACTOR	100.0%	100.0%	85.5%
20. REACTOR AVAILABILITY FACTOR	100.0%	100.0%	85.5%
21. UNIT SERVICE FACTOR:	100.0%	100.0%	83.4%
22. UNIT AVAILABILITY FACTOR:	100.0%	100.0%	83.4%
23. UNIT CAPACITY FACTOR (USING MDC NET):	100.4%	99.7%	80.6%
24. UNIT CAPACITY FACTOR (USING DER NET):	100.3%	99.6%	79.2%
25. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	8.1%
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: MAY 5, 1991
COMPLETED BY: S. C. BAILEY
TELEPHONE: (404) 826-3161

DAY	Net MW
1	1112 *
2	1110 *
3	1112 *
4	1109 *
5	1109 *
6	1108 *
7	1103 *
8	1100 *
9	1100 *
10	1103 *
11	1109 *
12	1107 *
13	1105 *
14	1100 *
15	1099
16	1100 *
17	1101 *
18	1103 *
19	1105 *
20	1110 *
21	1112 *
22	1113 *
23	1109 *
24	1104 *
25	1109 *
26	1105 *
27	1100 *
28	1096
29	1093
30	1095

* MDC CAN BE EXCEEDED UNDER OPTIMAL CONDITIONS

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VEGP UNIT 1

DOCKET NO. 50-424

DATE: MAY 5, 1991

COMPLETED BY: S. C. BAILEY

TELEPHONE: (404) 826-3161

REPORT MONTH APRIL 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 O M E	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 APRIL, 1991

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UNIT SHUTDOWNS AND POWER REDUCTIONS	Page V2-4

NARRATIVE REPORT
UNIT 2

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

APRIL 1 00:00 UNIT 2 100% POWER WITH NO OPERATIONAL PROBLEMS.
APRIL 5 20:06 UNIT 2 BEGAN POWER REDUCTION FOR PLANNED OUTAGE DUE TO INCREASED
TURBINE VIBRATION.
APRIL 06 09:44 MANUAL TURBINE TRIP FOR PLANNED OUTAGE.
APRIL 06 10:06 ENTERED MODE 2.
APRIL 06 11:10 ENTERED MODE 3.
APRIL 07 01:13 ENTERED MODE 2.
APRIL 07 03:11 REACTOR CRITICAL.
APRIL 07 08:54 ENTERED MODE 1.
APRIL 07 11:39 GENERATOR TIED TO GRID.
APRIL 08 04:20 UNIT 2 RETURNED TO 100% POWER.
APRIL 09 20:37 UNIT 2 BEGAN POWER REDUCTION IN PREPARATION FOR PLANNED OUTAGE
TO RESTORE REACTOR COOLANT PUMP LUBE OIL LEVEL.
APRIL 10 04:22 MANUAL TURBINE TRIP.
APRIL 10 04:27 ENTERED MODE 2.
APRIL 10 04:50 ENTERED MODE 3.
APRIL 10 19:05 ENTERED MODE 2.
APRIL 10 20:24 REACTOR CRITICAL.
APRIL 10 22:18 ENTERED MODE 1.
APRIL 11 00:53 GENERATOR TIED TO GRID.
APRIL 12 01:30 UNIT 2 RETURNED TO 100% POWER.
APRIL 13 01:02 UNIT 2 BEGAN POWER REDUCTION IN RESPONSE TO FAILURE OF FAST ACTING
SOLENOID FOR CONTROL VALVE 3.
APRIL 13 06:27 BEGAN POWER REDUCTION TO 30% TO ALLOW TURBINE TRIP FOR REPAIR OF FAST
ACTING SOLENOID FOR CONTROL VALVE 3.
APRIL 13 12:53 UNIT 2 AT 30% POWER.
APRIL 13 13:12 MANUAL TURBINE TRIP.
APRIL 14 11:58 GENERATOR TIED TO GRID.
APRIL 15 04:16 UNIT 2 RETURNED TO 100% POWER.
APRIL 30 23:59 UNIT 2 100% POWER WITH NO OPERATIONAL PROBLEMS.

OPERATING DATA REPORT

DOCKET NO. 50-425

DATE: MAY 5, 1991

COMPLETED BY: S. C. BAILEY

TELEPHONE: (404) 826-3161

OPERATING STATUS

1. UNIT NAME:
2. REPORT PERIOD:
3. LICENSED THERMAL POWER (MW):
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

APRIL 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:	719	2879	17064
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	687.0	2618.7	15156.1
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0	0.0
14. HOURS GENERATOR ON-LINE:	630.7	2553.3	14788.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH):	2149993	7954145	46853390
17. GROSS ELEC. ENERGY GENERATED (MWH):	721712	2705376	15763814
18. NET ELEC. ENERGY GENERATED (MWH):	685022	2562776	14961514
19. REACTOR SERVICE FACTOR	95.5%	91.0%	88.8%
20. REACTOR AVAILABILITY FACTOR	95.5%	91.0%	88.8%
21. UNIT SERVICE FACTOR:	90.5%	88.7%	86.7%
22. UNIT AVAILABILITY FACTOR:	90.5%	88.7%	86.7%
23. UNIT CAPACITY FACTOR (USING MDC NET):	86.8%	81.1%	79.8%
24. UNIT CAPACITY FACTOR (USING DER NET):	86.5%	80.8%	79.7%
25. UNIT FORCED OUTAGE RATE:	6.3%	4.7%	2.7%
26. SHUTDOWNS SCHEDULED OVER THE NEXT 12 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
 POWER LEVEL

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

DAY	Net MW
1	1119 *
2	1117 *
3	1118 *
4	1115 *
5	1101 *
6	150
7	276
8	1098 *
9	1080
10	30
11	770
12	1109 *
13	440
14	285
15	1087
16	1102 *
17	1107 *
18	1109 *
19	1110 *
20	1117 *
21	1120 *
22	1119 *
23	1116 *
24	1109 *
25	1117 *
26	1112 *
27	1108 *
28	1104 *
29	1102 *
30	1103 *

* MDC CAN BE EXCEEDED UNDER OPTIMAL CONDITIONS

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VEGP UNIT 2

DOCKET NO. 50-425

DATE: MAY 5, 1991

COMPLETED BY: S. C. BAILEY

TELEPHONE: (404) 826-3161

REPORT MONTH APRIL 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
91-8	4/05	S	0.0	B	5	NA	TA	TRB	SEE BELOW
91-9	4/06	S	24.9	B	1	NA	TA	TRB	SEE BELOW
91-10	4/09	F	0.0	B	5	NA	AB	TBG	SEE BELOW
91-11	4/09	F	20.6	B	1	NA	AB	TBG	SEE BELOW
91-12	4/13	F	0.0	A	5	NA	TA	PSV	SEE BELOW
91-13	4/13	F	22.8	A	1	NA	TA	PSV	SEE BELOW

F. FORCED

REASON:

METHOD:

EVENTS REPORTED INVOLVE

S. SCHEDULED

A-EQUIPMENT FAILURE (EXPLAIN)

1 - MANUAL

A GREATER THAN 20%

B-MAINTENANCE OR TEST

2 - MANUAL SCRAM

REDUCTION IN AVERAGE

C-REFUELING

3 - AUTO. SCRAM

DAILY POWER LEVEL FOR

D-REGULATORY RESTRICTION

4 - CONTINUATIONS

THE PRECEDING 24 HOURS.

E-OPERATOR TRAINING & LICENSE

5 - LOAD REDUCTION

F-ADMINISTRATIVE

9 - OTHER (EXPLAIN)

G-OPERATIONAL ERROR (EXPLAIN)

H-OTHER (EXPLAIN)

91-8

CAUSE: Unit 2 turbine showed increased vibration on the number 8 bearing.

CORRECTIVE ACTION: Began power reduction in preparation for planned outage for turbine balance shot.

91-9

CAUSE: Unit 2 turbine showed increased vibration on the number 8 bearing.

CORRECTIVE ACTION: Unit taken off line to perform turbine balance shot.

91-10

CAUSE: Unit 2 Reactor Coolant Pump (RCP) 2 indication of low lube oil.

CORRECTIVE ACTION: Began power reduction in preparation for unit outage to restore lube oil level.

91-11

CAUSE: Unit 2 Reactor Coolant Pump (RCP) 2 indication of low lube oil.

CORRECTIVE ACTION: Unit taken off line, RCP 2 lube oil tubing repaired and instrument loop recalibrated.

91-12

CAUSE: The fast acting solenoid for control valve 3 (CV3) failed during stroke testing causing CV3 to remain closed.

CORRECTIVE ACTION: Power reduction to troubleshoot failure, followed by preparation to take the turbine off line.

91-13

CAUSE: The fast acting solenoid for control valve 3 (CV3) failed during stroke testing causing CV3 to remain closed.

CORRECTIVE ACTION: Turbine taken off line and the solenoid was replaced.

ENCLOSURE 3

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

CHALLENGES TO PORV OR SAFETY VALVES

(ENCLOSURE 3)

VEGP UNITS 1 & 2

DOCKET NOS. 50-424,50-425
DATE: MAY 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.