

Georgia Power Company
333 Piedmont Avenue
Atlanta, Georgia 30308
Telephone 404 526-3195

Mailing Address
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, Alabama 35201
Telephone 205 868-5581

July 10, 1990

the southern electric system

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

ELV-01890
0478

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 June, 1990 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

WGH,III/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. C. K. McCoy
Mr. G. Bockhold, Jr.
Mr. P. D. Rushton
Mr. R. M. Odom
NORMS

U. S. Nuclear Regulatory Commission
Mr. S. D. Ebner, Regional Administrator
Mr. T. A. Reed, Licensing Project Manager, NRR
Mr. B. R. Bonser, Senior Resident Inspector, Vogtle
Document Control Desk

9007160068 900630
PDR ADDCK 05000424
R PDC

IF24
11

ENCLOSURE 1

VOGTLE ELECTRIC GENERATING PLANT - UNIT 1
MONTHLY OPERATING REPORT FOR JUNE, 1990

TABLE OF CONTENTS

NARRATIVE REPORT	Page V1-1
OPERATING DATA REPORT	Page V1-2
AVERAGE DAILY POWER LEVEL	Page V1-3
UNIT SHUTDOWNS AND POWER REDUCTIONS	Page V1-4

NARRATIVE REPORT
UNIT 1

DOCKET NO. 50-424
DATE: JULY 5, 1990
COMPLETED BY: J. C. WILLIAMS
TELEPHONE: (404) 826-4279

JUNE 1	00:00	UNIT 1 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.
JUNE 7	21:39	UNIT 1 DERATED FOR MAINTENANCE ON HEATER DRAIN PUMP B.
JUNE 8	04:44	UNIT 1 RETURNED TO 100% POWER.
JUNE 22	19:01	UNIT 1 BEGAN POWER REDUCTION FOR UNIT SHUTDOWN TO REBALANCE TURBINE.
JUNE 22	23:01	UNIT 1 TURBINE MANUALLY TRIPPED.
JUNE 22	23:03	UNIT 1 REACTOR MANUALLY TRIPPED.
JUNE 24	02:31	REACTOR STARTUP. UNIT 1 ENTERED MODE 2.
JUNE 24	03:21	REACTOR CRITICAL.
JUNE 24	13:36	GENERATOR TIED TO GRID.
JUNE 25	09:00	UNIT 1 RETURNED TO 100% POWER.
JUNE 30	23:59	UNIT 1 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.

OPERATING DATA REPORT

DOCKET NO. 50-424
 DATE: JULY 5, 1990
 COMPLETED BY: J. C. WILLIAMS
 TELEPHONE: (404) 826-4279

OPERATING STATUS

1. UNIT NAME: VEGP UNIT 1
2. REPORT PERIOD: JUNE 1990
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): 1133
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 1079
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:	720	4343	27024
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	691.7	3024.6	22312.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE:	681.4	2869.1	21638.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH):	2299026	9387135	71376045
17. GROSS ELEC. ENERGY GENERATED (MWH):	767920	3097660	23649250
18. NET ELEC. ENERGY GENERATED (MWH):	731830	2925170	22346680
19. REACTOR SERVICE FACTOR	96.1%	69.6%	82.6%
20. REACTOR AVAILABILITY FACTOR	96.1%	69.6%	82.6%
21. UNIT SERVICE FACTOR:	94.6%	66.1%	80.1%
22. UNIT AVAILABILITY FACTOR:	94.6%	66.1%	80.1%
23. UNIT CAPACITY FACTOR (USING MDC NET):	94.2%	62.4%	76.5%
24. UNIT CAPACITY FACTOR (USING DER NET):	92.3%	61.2%	75.1%
25. UNIT FORCED OUTAGE RATE:	0.0%	1.8%	9.9%
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 1 AVERAGE DAILY
POWER LEVEL

DOCKET NO. 50-424
DATE: JULY 5, 1990
COMPLETED BY: J. C. WILLIAMS
TELEPHONE: (404) 826-4279

DAY	Net MW
1	1099 *
2	1098 *
3	1094 *
4	1091 *
5	1102 *
6	1098 *
7	1084 *
8	1072 *
9	1090 *
10	1088 *
11	1097 *
12	1100 *
13	1101 *
14	1093 *
15	1088 *
16	1092 *
17	1093 *
18	1091 *
19	1088 *
20	1090 *
21	1081 *
22	998
23	0
24	154
25	1042
26	1086 *
27	1087 *
28	1087 *
29	1079 *
30	1075

* MDC CAN BE EXCEEDED UNDER OPTIMAL CONDITIONS

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VEGP UNIT 1

DOCKET NO. 50-424

DATE: JULY 5, 1990

COMPLETED BY: J. C. WILLIAMS

TELEPHONE: (404) 826-4279

REPORT MONTH JUNE 1990

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
90-9	06/22	S	38.6	B	2	N/A	TA	TRB	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.

EVENT 90-9

CAUSE: PLANNED MANUAL TURBINE TRIP / REACTOR TRIP FOR TURBINE VIBRATION PROBLEM.

CORRECTIVE ACTION: REBALANCED TURBINE.

ENCLOSURE 2

VOGTLE ELECTRIC GENERATING PLANT - UNIT 2
MONTHLY OPERATING REPORT FOR JUNE, 1990

TABLE OF CONTENTS

NARRATIVE REPORT	Page V2-1
OPERATING DATA REPORT	Page V2-2
AVERAGE DAILY POWER LEVEL	Page V2-3
UNIT SHUTDOWNS AND POWER REDUCTIONS	Page V2-4

NARRATIVE REPORT
UNIT 2

DOCKET NO. 50-425
DATE: JULY 5, 1990
COMPLETED BY: J. C. WILLIAMS
TELEPHONE: (404) 826-4279

JUNE 1	00:00	UNIT 2 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.
JUNE 12	23:45	INITIATED DERATE FOR MAINTENANCE ON HEATER DRAIN TANK B.
JUNE 16	14:54	BEGAN UNIT 2 POWER ASCENT FROM 90% TO 100%.
JUNE 17	16:05	BEGAN UNIT 2 COASTDOWN FROM 96% POWER.
JUNE 28	19:06	MANUAL REACTOR TRIP DUE TO STEAM GENERATOR LEVELS DECREASING AS MSIV 2-HV-3026A DRIFTED CLOSED. ENTERED MODE 3.
JUNE 30	01:49	REACTOR CRITICAL.
JUNE 30	07:05	UNIT 1 ENTERED MODE 1.
JUNE 30	11:50	MANUAL REACTOR TRIP FROM 18% POWER DUE TO DECREASING LEVELS IN STEAM GENERATORS DUE TO FEEDWATER ISOLATION. ENTERED MODE 3.
JUNE 30	23:59	UNIT 2 IN MODE 3 WITH REACTOR STARTUP IN PROGRESS.

OPERATING DATA REPORT

DOCKET NO. 50-425
 DATE: JULY 5, 1990
 COMPLETED BY: J. C. WILLIAMS
 TELEPHONE: (404) 826-4279

OPERATING STATUS

1. UNIT NAME:	VEGP UNIT 2		
2. REPORT PERIOD:	JUNE 1990		
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):	1164		
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	1110		
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:	720	4343	9768
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	677.1	4251.2	9462.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE:	667.1	4218.1	9324.4
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH):	2181332	14136284	31343397
17. GROSS ELEC. ENERGY GENERATED (MWH):	725331	4796042	10610008
18. NET ELEC. ENERGY GENERATED (MWH):	688541	4574652	10121818
19. REACTOR SERVICE FACTOR	94.0%	97.9%	96.9%
20. REACTOR AVAILABILITY FACTOR	94.0%	97.9%	95.9%
21. UNIT SERVICE FACTOR:	92.7%	97.1%	95.5%
22. UNIT AVAILABILITY FACTOR:	92.7%	97.1%	95.5%
23. UNIT CAPACITY FACTOR (USING IDC NET):	86.2%	94.9%	94.6%
24. UNIT CAPACITY FACTOR (USING DER NET):	86.9%	95.7%	94.1%
25. UNIT FORCED OUTAGE RATE:	7.3%	2.9%	2.9%
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	REFUELING-SEPTEMBER 14, 1990-45 DAYS.		
27. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	7/01/90		

UNIT 2 AVERAGE DAILY
POWER LEVEL

DOCKET NO. 50-425
DATE: JULY 5, 1990
COMPLETED BY: J. C. WILLIAMS
TELEPHONE: (404) 826-4279

DAY	Net MW
1	1096
2	1098
3	1092
4	1091
5	1098
6	1097
7	1089
8	1091
9	1093
10	1090
11	1099
12	1101
13	1031
14	1012
15	972
16	998
17	1062
18	1043
19	1030
20	1021
21	1004
22	992
23	988
24	982
25	971
26	936
27	907
28	700
29	0
30	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VEGP UNIT 2

DOCKET NO. 50-425

DATE: JULY 5, 1990

COMPLETED BY: J. C. WILLIAMS

TELEPHONE: (404) 826-4279

REPORT MONTH JUNE 1990

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
90-5	6/28	F	40.7	A	2	2-90-008	TA	ISV	SEE BELOW
90-6	6/30	F	12.2	G	2	2-90-009	XX	XXXXXX	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.

EVENT: 90-5

CAUSE: MANUAL REACTOR TRIP/TURBINE TRIP DUE TO MSIV 3026A CLOSURE, FOLLOWING
 AN O-RING FAILURE WITH ACCOMPANYING LOSS OF HYDRAULIC FLUID.

CORRECTIVE ACTION: REPLACED THE O-RING AND IMPROVED THE O-RING SEATING SURFACE
 BETWEEN THE VALVE ACTUATOR AND MANIFOLD.

EVENT: 90-6

CAUSE: MANUAL REACTOR TRIP/TURBINE TRIP DUE TO INADEQUATE FEEDWATER CONTROL
 DURING LOW POWER OPERATION.

CORRECTIVE ACTION: COUNSELED OPERATORS ON LOW POWER OPERATION AT END OF LIFE.

ENCLOSURE 3

VOGTLE ELECTRIC GENERATING PLANT - UNITS 1 AND 2
MONTHLY OPERATING REPORT FOR JUNE, 1990

CHALLENGES TO PORV OR SAFETY VALVES

(ENCLOSURE 3)

VEGP UNITS 1 & 2

DOCKET NO. 50-424, 50-425
DATE: JULY 5, 1990
COMPLETED BY: J. C. WILLIAMS
TELEPHONE: (404) 826-4279

CHALLENGES TO PORV OR SAFETY VALVES

DATE	TAG NUMBER	E V E N T T Y P E	DESCRIPTION
			THERE WERE NO CHALLENGES TO PORV OR SAFETY VALVES.

EVENT TYPE :

A-AUTOMATIC
M-MANUAL