

Georgia Power Company
333 Piedmont Avenue
Atlanta, Georgia 30308
Telephone 404 526-3185

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

February 13, 1991

THE SOUTHEASTERN ELECTRIC SYSTEM

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

ELV-02510
0828

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 January, 1991 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. W. B. Shipman
Mr. P. D. Rushton
Mr. R. M. Odom
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

9102190189 910131
PDR ADOCK 05000424
R PDR

IE24
11

ENCLOSURE 1

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

TABLE OF CONTENTS

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

NARRATIVE REPORT
UNIT 1

DISKET NO. 50-424
DATE FEBRUARY 5, 1991
COMPLETED BY: D. F. HALLMAN
TELEPHONE: (404) 826-3148

JANUARY 01 00:00 UNIT 1 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.
JANUARY 31 23:59 UNIT 1 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.

OPERATING DATA REPORT

DOCKET NO. 50-424
 DATE: FEBRUARY 5, 1991
 COMPLETED BY: D. F. HALLMAN
 TELEPHONE: (404) 826-3148

OPERATING STATUS

1. UNIT NAME: VEGP UNIT 1
 2. REPORT PERIOD: JANUARY 1991
 3. LICENSED THERMAL POWER (Mwt): 3411
 4. NAMEPLATE RATING (GROSS MWe): 1215
 5. DESIGN ELECTRICAL RATING (NET MWe): 1,01
 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: *
 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	3218.5
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	744.0	27202.5
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0	0
14. HOURS GENERATOR ON-LINE:	744.0	744.0	26498.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH):	2534837	2534837	87728448
17. GROSS ELEC. ENERGY GENERATED (MWH):	866800	866800	29161250
18. NET ELEC. ENERGY GENERATED (MWH):	827440	827440	27589350
19. REACTOR SERVICE FACTOR	100.0%	100.0%	84.5%
20. REACTOR AVAILABILITY FACTOR	100.0%	100.0%	84.5%
21. UNIT SERVICE FACTOR:	100.0%	100.0%	82.3%
22. UNIT AVAILABILITY FACTOR:	100.0%	100.0%	82.3%
23. UNIT CAPACITY FACTOR (USING MDC NET):	101.1%	101.1%	79.3%
24. UNIT CAPACITY FACTOR (USING DER NET):	101.0%	101.0%	77.9%
25. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	8.6%
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		

*REASON FOR CAPACITY CHANGE

 RATINGS FOR GROSS AND NET MDC WERE CHANGED AS A RESULT OF UNIT PERFORMANCE TESTING COMPLETED DURING 1990.

UNIT 1 AVERAGE DAILY
POWER LEVEL

DOCKET NO. 50-424
DATE: FEBRUARY 5, 1991
COMPLETED BY: D. F. HALLMAN
TELEPHONE: (404) 826-3148

DAY	Net MW
1	1113 *
2	1115 *
3	1114 *
4	1113 *
5	1113 *
6	1110 *
7	1105 *
8	1115 *
9	1115 *
10	1115 *
11	1110 *
12	1113 *
13	1115 *
14	1115 *
15	1110 *
16	1104 *
17	1113 *
18	1113 *
19	1113 *
20	1111 *
21	1113 *
22	1115 *
23	1115 *
24	1115 *
25	1114 *
26	1115 *
27	1113 *
28	1110 *
29	1107 *
30	1104 *
31	1111 *

* MDC CAN BE EXCEEDED UNDER OPTIMAL CONDITIONS

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VEGP UNIT 1

DOCKET NO. 50-424
 DATE: FEBRUARY 5, 1991
 COMPLETED BY: D. F. HALLMAN
 TELEPHONE: (404) 826-3148

REPORT MONTH JANUARY 1991

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	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 JANUARY, 1991

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: FEBRUARY 5, 1991
COMPLETED BY: D. F. HALLMAN
TELEPHONE: (404) 826-3148

JANUARY 01	00:00	UNIT 2 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.
JANUARY 08	02:16	UNIT 2 BEGAN IMMEDIATE POWER REDUCTION DUE TO FAILURE OF MAIN FEED PUMP A TURBINE SHAFT.
JANUARY 08	18:20	UNIT 2 STABLE AT 68% POWER WITH MFP A OUT OF SERVICE.
JANUARY 28	21:18	UNIT 2 BEGAN POWER INCREASE TO RETURN TO 90% POWER.
JANUARY 29	03:00	UNIT 2 HOLDING AT 90% POWER FOR FLUX MAPPING TO ASSURE PROPER POWER DISTRIBUTION AND FUEL CONDITIONING.
JANUARY 30	08:49	UNIT 2 BEGAN POWER INCREASE TO RETURN TO 100% POWER.
JANUARY 30	17:00	UNIT 2 RETURNED TO 100% POWER.
JANUARY 31	23:59	UNIT 2 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.

OPERATING DATA REPORT

DOCKET NO. 50-425
 DATE: FEBRUARY 5, 1991
 COMPLETED BY: D. F. HALLMAN
 TELEPHONE: (404) 826-3148

OPERATING STATUS

1. UNIT NAME: VEGP UNIT 2
 2. REPORT PERIOD: JANUARY 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): 1151
 7. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 1097
 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:	744	744	14929
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	744.0	744.0	13281.4
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0	0.0
14. HOURS GENERATOR ON-LINE:	744.0	744.0	12978.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH):	2023180	2023180	40922425
17. GROSS ELEC. ENERGY GENERATED (MWH):	686503	686503	13744941
18. NET ELEC. ENERGY GENERATED (MWH):	649863	649863	13051951
19. REACTOR SERVICE FACTOR	100.0%	100.0%	89.0%
20. REACTOR AVAILABILITY FACTOR	100.0%	100.0%	89.0%
21. UNIT SERVICE FACTOR:	100.0%	100.0%	86.9%
22. UNIT AVAILABILITY FACTOR:	100.0%	100.0%	86.9%
23. UNIT CAPACITY FACTOR (USING MDC NET):	79.6%	79.6%	79.5%
24. UNIT CAPACITY FACTOR (USING DER NET):	79.3%	79.3%	79.4%
25. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	2.1%
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		

*REASON FOR CAPACITY CHANGE

 RATINGS FOR GROSS AND NET MDC WERE CHANGED AS A RESULT OF UNIT PERFORMANCE TESTING COMPLETED DURING 1990.

UNIT 2 AVERAGE DAILY
POWER LEVEL

DOCKET NO. 50-425
DATE: FEBRUARY 5, 1991
COMPLETED BY: D. F. HALLMAN
TELEPHONE: (404) 826-3148

DAY	Net MW
1	1136 *
2	1136 *
3	1135 *
4	1132 *
5	1126 *
6	1123 *
7	1123 *
8	747
9	741
10	756
11	757
12	762
13	763
14	762
15	757
16	752
17	760
18	769
19	764
20	762
21	766
22	768
23	767
24	770
25	768
26	764
27	767
28	775
29	994
30	1049
31	1128 *

* MDC CAN BE EXCEEDED UNDER OPTIMAL CONDITIONS

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VEGP UNIT 2

DOCKET NO. 50-425
 DATE: FEBRUARY 5, 1991
 COMPLETED BY: D. F. HALLMAN
 TELEPHONE: (404) 826-3148

REPORT MONTH JANUARY 1991

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
91-1	1/08	F	0.0	A	5	N/A	SJ	T.G.B	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.

91-1
 CAUSE: POWER REDUCTION DUE TO FAILURE OF MAIN FEED PUMP A TURBINE SHAFT.
 CORRECTIVE ACTION: REPAIRED FEED PUMP TURBINE SHAFT AND RETURNED PUMP TO SERVICE.

ENCLOSURE 3

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

CHALLENGES TO PORV OR SAFETY VALVES

(ENCLOSURE 3)

VEGP UNITS 1 & 2

DOCKET NO: 50-424,50-425
DATE: FEBRUARY 5, 1991
COMPLETED BY: D. F. HALLMAN
TELEPHONE: (404) 826-3148

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