

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



December 13, 1989

ELV-01148  
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Docket Nos. 50-424  
50-425

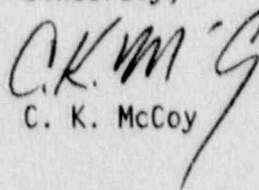
Director, Office of Resource Management  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT  
MONTHLY OPERATING REPORTS

Enclosed are the November, 1989 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/NJS/gm

Enclosures

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. Ebnetter, Regional Administrator  
Mr. J. B. Hopkins, Licensing Project Manager, NRR  
Mr. J. F. Rogge, Senior Resident Inspector, Vogtle  
Document Control Desk

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ENCLOSURE 1

VOGTLE ELECTRIC GENERATING PLANT - UNIT 1  
MONTHLY OPERATING REPORT FOR NOVEMBER, 1989

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NARRATIVE REPORT  
UNIT 1

DOCKET NO. 50-424  
DATE: DECEMBER 5, 1989  
COMPLETED BY: J. C. WILLIAMS  
TELEPHONE: (404) 826-4279

NOVEMBER 1	00:00	UNIT 1 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.
NOVEMBER 10	08:20	POWER REDUCTION TO 90% DUE TO FAILED MFP "B" SPEED PICKUP # 2.
NOVEMBER 10	19:54	POWER REDUCTION TO 72% TO REPLACE MFP "B" SPEED PICKUP # 2.
NOVEMBER 12	00:30	COMMENCE RAMP TO FULL POWER.
NOVEMBER 12	14:00	UNIT 1 AT FULL POWER.
NOVEMBER 28	12:38	POWER REDUCTION TO 70% TO REPLACE MFP "B" SPEED PICKUP # 1.
NOVEMBER 29	18:04	COMMENCE RAMP TO FULL POWER.
NOVEMBER 30	03:00	UNIT 1 AT 100% POWER.
NOVEMBER 30	23:59	UNIT 1 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.



# OPERATING DATA REPORT

DOCKET NO. 50-424  
DATE: DECEMBER 5, 1989  
COMPLETED BY: J. C. WILLIAMS  
TELEPHONE: (404) 826-4279

## OPERATING STATUS

1. UNIT NAME: VEGP UNIT 1
2. REPORT PERIOD: NOVEMBER 89
3. LICENSED THERMAL POWER (MWt): 3411
4. NAMEPLATE RATING (GROSS MWe): 1148
5. DESIGN ELECTRICAL RATING (NET MWe): 1101
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): 1137
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 1083
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	8016	21937
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	7669.0	18544.1
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0	0
14. HOURS GENERATOR ON-LINE:	720.0	7533.1	18025.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH):	2391716	25022147	59453303
17. GROSS ELEC. ENERGY GENERATED (MWH):	805480	8300570	19690640
18. NET ELEC. ENERGY GENERATED (MWH):	768940	7886420	18598550
19. REACTOR SERVICE FACTOR	100.0%	95.7%	84.5%
20. REACTOR AVAILABILITY FACTOR	100.0%	95.7%	84.5%
21. UNIT SERVICE FACTOR:	100.0%	94.0%	82.2%
22. UNIT AVAILABILITY FACTOR:	100.0%	94.0%	82.2%
23. UNIT CAPACITY FACTOR (USING MDC NET):	98.6%	90.8%	78.3%
24. UNIT CAPACITY FACTOR (USING DER NET):	97.0%	89.4%	77.0%
25. UNIT FORCED OUTAGE RATE:	0.0%	6.0%	11.4%
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): REFUELING -- FEB 23 -- 45 DAYS			
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: DECEMBER 5, 1989  
COMPLETED BY: J. C. WILLIAMS  
TELEPHONE: (404) 826-4279

DAY	Net MW
1 .....	1090 *
2 .....	1096 *
3 .....	1098 *
4 .....	1099 *
5 .....	1100 *
6 .....	1090 *
7 .....	1087 *
8 .....	1086 *
9 .....	1091 *
10 .....	978
11 .....	760
12 .....	1037
13 .....	1095 *
14 .....	1098 *
15 .....	1091 *
16 .....	1104 *
17 .....	1113 *
18 .....	1111 *
19 .....	1106 *
20 .....	1105 *
21 .....	1102 *
22 .....	1109 *
23 .....	1110 *
24 .....	1113 *
25 .....	1105 *
26 .....	1101 *
27 .....	1101 *
28 .....	947
29 .....	818
30 .....	1097 *

\* MDC CAN BE EXCEEDED UNDER OPTIMAL CONDITIONS

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VEGP UNIT 1

DOCKET NO. 50-424  
 DATE: DECEMBER 5, 1989  
 COMPLETED BY: J. C. WILLIAMS  
 TELEPHONE: (404) 826-4279

REPORT MONTH NOVEMBER 89

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
89-11	11/10	S	0	A	5	N\A	JK	SIC	SEE BELOW
89-12	11/28	S	0	A	5	N\A	JK	SIC	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.

89-11

CAUSE: POWER REDUCTION DUE TO FAILED SPEED PICKUP # 2 ON MAIN FEEDPUMP "B".

CORRECTIVE ACTION: REPLACED SPEED PICKUP # 2 ON MAIN FEEDPUMP "B".

89-12

CAUSE: POWER REDUCTION DUE TO FAILED SPEED PICKUP # 1 ON MAIN FEEDPUMP "B".

CORRECTIVE ACTION: REPLACED SPEED PICKUP # 1 ON MAIN FEEDPUMP "B".



ENCLOSURE 2

VOGTLE ELECTRIC GENERATING PLANT - UNIT 2  
MONTHLY OPERATING REPORT FOR NOVEMBER, 1989

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UNIT SHUTDOWNS AND POWER REDUCTIONS	Page V2-4

NARRATIVE REPORT  
UNIT 2

DOCKET NO. 50-425  
DATE: DECEMBER 5, 1989  
COMPLETED BY: J. C. WILLIAMS  
TELEPHONE: (404) 826-4279

NOVEMBER 1	00:00	UNIT 2 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.
NOVEMBER 5	12:23	MANUAL REACTOR TRIP DUE TO LOSS OF MFP "A". UNIT STABILIZED AT MODE 3
NOVEMBER 5	23:27	UNIT 2 ENTERS MODE 2.
NOVEMBER 6	00:16	UNIT 2 REACTOR CRITICAL.
NOVEMBER 6	03:51	UNIT 2 ENTERS MODE 1.
NOVEMBER 6	06:22	UNIT 2 TIED TO THE GRID.
NOVEMBER 7	06:33	UNIT 2 AT 100% POWER.
NOVEMBER 20	11:38	POWER REDUCTION TO 95% FOR FEEDWATER HEATER AND HDT "B" MAINTENANCE.
NOVEMBER 24	04:00	COMMENCE RAMP TO FULL POWER.
NOVEMBER 24	07:00	UNIT 2 AT 100% POWER.
NOVEMBER 28	03:01	POWER REDUCTION TO 91% DUE TO HDT "B" HIGH LEVEL INDICATION.
NOVEMBER 28	05:35	COMMENCE RAMP TO FULL POWER.
NOVEMBER 28	17:48	UNIT 2 AT 100% POWER.
NOVEMBER 30	23:59	UNIT 2 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.



# OPERATING DATA REPORT

DOCKET NO. 50-421  
 DATE: DECEMBER 5, 1989  
 COMPLETED BY: J. C. WILLIAMS  
 TELEPHONE: (404) 826-4279

## OPERATING STATUS

- |                                                                                                 |                 |
|-------------------------------------------------------------------------------------------------|-----------------|
| 1. UNIT NAME:                                                                                   | VEGP UNIT 2     |
| 2. REPORT PERIOD:                                                                               | NOVEMBER 1989   |
| 3. LICENSED THERMAL POWER (Mwt):                                                                | 3411            |
| 4. NAMEPLATE RATING (GROSS MWe):                                                                | 1148            |
| 5. DESIGN ELECTRICAL RATING (NET MWe):                                                          | 1101            |
| 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe):                                                     | 1137            |
| 7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):                                                       | 1083            |
| 8. IF CHANGES OCCUR IN CAPACITY RATINGS<br>(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:	720	4681	4681
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	708.1	4489.9	4489.9
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE:	702.0	4417.7	4417.7
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH):	2350213	14871541	14871541
17. GROSS ELEC. ENERGY GENERATED (MWH):	798539	5012780	5012780
18. NET ELEC. ENERGY GENERATED (MWH):	762059	4783630	4783630
19. REACTOR SERVICE FACTOR	98.3%	95.9%	95.9%
20. REACTOR AVAILABILITY FACTOR	98.3%	95.9%	95.9%
21. UNIT SERVICE FACTOR:	97.5%	94.4%	94.4%
22. UNIT AVAILABILITY FACTOR:	97.5%	94.4%	94.4%
23. UNIT CAPACITY FACTOR (USING MDC NET):	97.7%	94.4%	94.4%
24. UNIT CAPACITY FACTOR (USING DER NET):	96.1%	92.8%	92.8%
25. UNIT FORCED OUTAGE RATE:	2.5%	2.4%	2.4%
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
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: DECEMBER 5, 1989  
COMPLETED BY: J. C. WILLIAMS  
TELEPHONE: (404) 826-4279

DAY	Net MW
1 .....	1113 *
2 .....	1117 *
3 .....	1119 *
4 .....	1121 *
5 .....	554
6 .....	430
7 .....	1061
8 .....	1074
9 .....	1088 *
10 .....	1105 *
11 .....	1103 *
12 .....	1101 *
13 .....	1104 *
14 .....	1102 *
15 .....	1093 *
16 .....	1101 *
17 .....	1123 *
18 .....	1121 *
19 .....	1121 *
20 .....	1079
21 .....	1042
22 .....	1057
23 .....	1057
24 .....	1108 *
25 .....	1122 *
26 .....	1116 *
27 .....	1114 *
28 .....	1057
29 .....	1122 *
30 .....	1124 *

\* MDC CAN BE EXCEEDED UNDER OPTIMAL CONDITIONS

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VEGP UNIT 2

DOCKET NO. 50-425  
 DATE: DECEMBER 5, 1989  
 COMPLETED BY: J. C. WILLIAMS  
 TELEPHONE: (404) 826-4279

REPORT MONTH NOVEMBER 89

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
89-12	11/05	F	17.99	A	2	2-89-29	SJ	LCV	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.

89-12

CAUSE: MANUAL REACTOR TRIP DUE TO LOW MAIN FEEDWATER PUMP SUCTION CAUSING  
 MAIN FEEDWATER PUMP "A" TO TRIP.

CORRECTIVE ACTION: DEFECTIVE O-RING IN VALVE (2LV-4333) ACTUATOR WAS  
 REMOVED AND REPLACED TO BRING VALVE TO FULL OPERATIONAL  
 STATUS.



(ATTACHMENT 1)

VEGP UNITS 1 & 2

DATE: DECEMBER 5, 1989  
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