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October 9, 1990

the SOUTHERN ELECTRIC SYSTEM

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

ELV-02162
0645

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 September, 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
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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

ENCLOSURE 1

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

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NARRATIVE REPORT
UNIT 1

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

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

OPERATING DATA REPORT

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

OPERATING STATUS

1. UNIT NAME:	VEGP UNIT 1		
2. REPORT PERIOD:	SEPTEMBER 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	6551	29232
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	5167.2	24455.4
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0	0
14. HOURS GENERATOR ON-LINE:	720.0	4997.7	23767.6
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH):	2452206	16548755	78537665
17. GROSS ELEC. ENERGY GENERATED (MWH):	825390	5487830	26039420
18. NET ELEC. ENERGY GENERATED (MWH):	788140	5201030	24622540
19. REACTOR SERVICE FACTOR	100.0%	78.9%	83.7%
20. REACTOR AVAILABILITY FACTOR	100.0%	78.9%	83.7%
21. UNIT SERVICE FACTOR:	100.0%	76.3%	81.3%
22. UNIT AVAILABILITY FACTOR:	100.0%	76.3%	81.3%
23. UNIT CAPACITY FACTOR (USING MDC NET):	101.4%	73.6%	78.0%
24. UNIT CAPACITY FACTOR (USING DER NET):	99.4%	72.1%	76.5%
25. UNIT FORCED OUTAGE RATE:	0.0%	2.6%	9.4%
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: OCTOBER 5, 1990
COMPLETED BY: J. C. WILLIAMS
TELEPHONE: (404) 826-4279

DAY	Net MW
1	1090 *
2	1090 *
3	1089 *
4	1095 *
5	1097 *
6	1093 *
7	1088 *
8	1088 *
9	1087 *
10	1088 *
11	1088 *
12	1086 *
13	1085 *
14	1091 *
15	1084 *
16	1095 *
17	1101 *
18	1103 *
19	1098 *
20	1090 *
21	1090 *
22	1088 *
23	1103 *
24	1111 *
25	1110 *
26	1106 *
27	1103 *
28	1100 *
29	1101 *
30	1102 *

* MDC CAN BE EXCEEDED UNDER OPTIMAL CONDITIONS

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VEGP UNIT 1

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

REPORT MONTH SEPTEMBER 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 O M E	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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 SEPTEMBER, 1990

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NARRATIVE REPORT
UNIT 2

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

SEPTEMBER 1	23:59	UNIT AT 54.3% POWER. COASTDOWN IN PROGRESS WITH NO OPERATIONAL PROBLEMS.
SEPTEMBER 14	19:36	BEGAN POWER REDUCTION FROM 48.5% IN PREPARATION FOR FOR REFUELING OUTAGE.
SEPTEMBER 14	21:36	UNIT MANUALLY TRIPPED TO BEGIN PLANNED REFUELING OUTAGE .
SEPTEMBER 16	03:19	UNIT ENTERED MODE 4.
SEPTEMBER 16	13:26	UNIT ENTERED MODE 5.
SEPTEMBER 20	00:34	UNIT ENTERED MODE 6.
SEPTEMBER 30	14:00	UNIT DEFUELED.
SEPTEMBER 30	23:59	UNIT DEFUELED PREPARATION FOR FUEL SHUFFLE IN PROGRESS.

OPERATING DATA REPORT

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

OPERATING STATUS

1. UNIT NAME: VEGP UNIT 2
2. REPORT PERIOD: SEPTEMBER 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	6551	11976
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	333.6	6071.7	11283.4
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0	0.0
14. HOURS GENERATOR ON-LINE:	333.6	6032.6	11138.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH):	585194	18110792	35317905
17. GROSS ELEC. ENERGY GENERATED (MWH):	179469	6051091	11865057
18. NET ELEC. ENERGY GENERATED (MWH):	158469	5734991	11282157
19. REACTOR SERVICE FACTOR	46.3%	92.7%	94.2%
20. REACTOR AVAILABILITY FACTOR	46.3%	92.7%	94.2%
21. UNIT SERVICE FACTOR:	46.3%	92.1%	93.0%
22. UNIT AVAILABILITY FACTOR:	46.3%	92.1%	93.0%
23. UNIT CAPACITY FACTOR (USING MDC NET):	19.8%	78.9%	85.8%
24. UNIT CAPACITY FACTOR (USING DER NET):	20.0%	79.5%	85.6%
25. UNIT FORCED OUTAGE RATE:	0.0%	2.1%	2.5%
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): REFUELING OUTAGE ONGOING.			
27. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NOVEMBER 3, 1990			

UNIT 2 AVERAGE DAILY
POWER LEVEL

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

DAY	Net MW
1	522
2	523
3	511
4	513
5	506
6	496
7	493
8	490
9	487
10	466
11	467
12	463
13	452
14	404
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: VEGP UNIT 2

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

REPORT MONTH SEPTEMBER 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
90-8	9/14	S	386.4	C	2	N/A	ZZ	ZZZZZZ	FIRST REFUELING OUTAGE

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 90-8

CAUSE: SCHEDULED REFUELING OUTAGE

CORRECTIVE ACTION: MAJOR SAFETY RELATED WORK:
 REPAIR OF NORMAL CHARGING CHECK VALVE
 REPAIR OF NORMAL CHARGING ISOLATION VALVE

CRITICAL PATH:

SHUTDOWN AND COOL TO 110 F
 REMOVAL OF S/G NOZZLE MANWAYS
 INSTALLATION OF S/G NOZZLE DAMS
 DIESEL GENERATOR 2B PREVENTATIVE MAINTENANCE
 REMOVAL OF REACTOR VESSEL HEAD
 CORE OFF LOAD FOR REFUELING

ENCLOSURE 3

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

CHALLENGES TO PORV OR SAFETY VALVES

(ENCLOSURE 3)

VEGP UNITS 1 & 2

DOCKET NO: 50-424, 50-425
DATE: OCTOBER 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