

May 14, 1993

LCV-0003

Docket Nos. 50-424
50-425

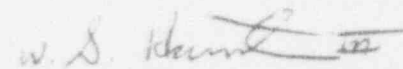
Director, Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

VOGTLE ELECTRIC GENERATING PLANT
MONTHLY OPERATING REPORT

Gentlemen:

Enclosed are the April 1993 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

WGH,III/JLL/gmb

xc: Georgia Power Company
Mr. W. B. Shipman
Mr. M. Sheibani
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

JE24

ENCLOSURE 1

VOGTLE ELECTRIC GENERATING PLANT - UNIT 1
MONTHLY OPERATING REPORT FOR APRIL 1993

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NARRATIVE REPORT
UNIT 1

DOCKET NO. 50-424
DATE: MAY 3, 1993
COMPLETED BY: G. L. HOOPER
TELEPHONE: (706) 826-4104

APRIL 01 00:00 UNIT 1 IN DEFUELED MODE, INSERT SHUFFLE IN PROGRESS.
APRIL 05 15:57 UNIT 1 ENTERED MODE 6, CORE LOAD IN PROGRESS.
APRIL 11 11:37 UNIT 1 CORE RELOAD COMPLETE.
APRIL 14 10:00 UNIT 1 AUTHORIZED HEAD LIFT.
APRIL 14 11:05 UNIT 1 REACTOR VESSEL HEAD TEMPORARILY SET.
APRIL 14 18:41 UNIT 1 AUTHORIZED HEAD LIFT.
APRIL 14 20:23 UNIT 1 REACTOR VESSEL HEAD SET COMPLETE.
APRIL 15 22:43 UNIT 1 REACTOR VESSEL HEAD TENSIONING COMPLETE ENTERED MODE 5.
APRIL 18 07:56 UNIT 1 RECEIVED AN "A" TRAIN SI SIGNAL. A NUC WAS DECLARED AND IMMEDIATELY
TERMINATED.
APRIL 21 05:44 UNIT 1 ENTERED MODE 4.
APRIL 22 14:15 UNIT 1 ENTERED MODE 3.
APRIL 24 06:49 UNIT 1 ENTERED MODE 2.
APRIL 24 17:00 UNIT 1 REACTOR CRITICAL.
APRIL 25 08:59 UNIT 1 REACTOR MANUALLY TRIPPED DUE TO REACTIVITY ANOMALY DURING
ROD SWAPPING. UNIT 1 ENTERED MODE 3.
APRIL 26 05:46 UNIT 1 COMMENCED REACTOR STARTUP.
APRIL 26 06:50 UNIT 1 ENTERED MODE 2.
APRIL 26 08:20 UNIT 1 REACTOR CRITICAL.
APRIL 26 21:13 UNIT 1 ENTERED MODE 1.
APRIL 27 03:57 GENERATOR TIED TO GRID.
APRIL 27 04:56 UNIT 1 GENERATOR TRIPPED ON NEGATIVE PHASE SEQUENCE.
APRIL 27 04:57 UNIT 1 TURBINE MANUALLY TRIPPED.
APRIL 27 17:19 UNIT 1 GENERATOR TIED TO THE GRID.
APRIL 28 11:38 UNIT 1 TURBINE TRIPPED FOR TURBINE OVERSPEED TESTING.
APRIL 28 15:16 UNIT 1 GENERATOR TIED TO THE GRID.
APRIL 30 23:59 UNIT 1 AT 87% POWER, POWER ASCENSION IN PROGRESS.

OPERATING DATA REPORT

DOCKET NO. 50-424

DATE: MAY 3, 1993

COMPLETED BY: G. L. HOOPER

TELEPHONE: (706) 826-4104

OPERATING STATUS

1. UNIT NAME: VEGP UNIT 1
 2. REPORT PERIOD: APRIL 1993
 3. LICENSED THERMAL POWER (MWt): 3565 *
 4. NAMEPLATE RATING (GROSS MWe): 1215
 5. DESIGN ELECTRICAL RATING (NET MWe): 1151 *
 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): 1212 *
 7. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 1158 *
 8. IF CHANGES OCCUR IN CAPACITY RATINGS
 (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: *CHANGES RESULT FROM THE UNIT UPRATE
 APPROVED BY AMMENDMENT 60 TO FACILITY OPERATING LICENSE NPF-68. THE DESIGN ELECTRICAL
 RATING IS AN ESTIMATE WHICH WILL BE REVISED AFTER UNIT PERFORMANCE TESTING.
 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MW): NO RESTRICTIONS
 10. REASONS FOR RESTRICTION, IF ANY: N/A

	THIS MONTH	YR. TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	719	2879	51864
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	127.2	1832.0	44033.9
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE:	76.0	1780.0	43075.0
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH):	166750	5826375	143195778
17. GROSS ELEC. ENERGY GENERATED (MWH):	48931	1995010	47975995
18. NET ELEC. ENERGY GENERATED (MWH):	35761	1893820	45534785
19. REACTOR SERVICE FACTOR	17.7%	63.6%	84.9%
20. REACTOR AVAILABILITY FACTOR	17.7%	63.6%	84.9%
21. UNIT SERVICE FACTOR:	10.6%	61.8%	83.1%
22. UNIT AVAILABILITY FACTOR:	10.6%	61.8%	83.1%
23. UNIT CAPACITY FACTOR (USING MDC NET):	4.3%	58.7%	80.5%
24. UNIT CAPACITY FACTOR (USING DER NET):	4.3%	59.1%	79.7%
25. UNIT FORCED OUTAGE RATE:	14.0%	0.7%	6.1%

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

UNIT 1 AVERAGE DAILY
 POWER LEVEL

DOCKET NO. 50-424
DATE: MAY 3, 1993
COMPLETED BY: G. L. HOOPER
TELEPHONE: (706) 826-4104

DAY	Net MW
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
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	10
28	197
29	668
30	981

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-424

UNIT NAME: VEGP UNIT 1

DATE: MAY 3, 1993

COMPLETED BY: G. L. HOOPER

TELEPHONE: (706) 826-4104

REPORT MONTH APRIL 1993

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
93-1	3/13	S	627.0	C	4	NA	ZZ	ZZZZZZ	SEE BELOW
93-2	4/27	F	12.4	A	9	NA	TB	RLY	SEE BELOW
93-3	4/28	S	3.6	B	9	NA	TA	ZZZZZZ	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 93-1

CAUSE: SCHEDULED REFUELING OUTAGE

CORRECTIVE ACTION: MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE INCLUDED: "B" CCP REPAIRS AND SEQUENCER MODIFICATION AND REPAIRS.

CRITICAL PATH WAS: SHUFFLE INTERNALS IN SPENT FUEL POOL, RELOAD & VERIFY CORE, RESTORE AND DECON REFUEL CAVITY, TENSION HEAD AND COMPLETE REASSEMBLY, HEATUP AND FUNCTIONAL TESTS FOR MODE 4, FUNCTIONAL TESTS FOR MODE 3, HEATUP AND FUNCTIONAL TESTS FOR MODE 2, LOW POWER PHYSICS TESTING FOR MODE 1, RAISE POWER, TURBINE TESTING, BREAKER CLOSURE

EVENT 93-2

CAUSE: GENERATOR TRIP ON NEGATIVE PHASE SEQUENCE

CORRECTIVE ACTION: INVESTIGATION REVEALED IMPROPER WIRING OF THE NEGATIVE PHASE SEQUENCE RELAY, WHICH HAD BEEN REPLACED DURING THE OUTAGE. THE WIRING WAS CORRECTED AND THE RELAY CALIBRATION PROCEDURE WAS REVISED.

EVENT 93-3

CAUSE: UNIT TAKEN OFF LINE FOR TURBINE OVERSPEED TESTING

CORRECTIVE ACTION: TESTING COMPLETED. UNIT RETURNED TO SERVICE.

ENCLOSURE 2

VOGTLE ELECTRIC GENERATING PLANT - UNIT 2
MONTHLY OPERATING REPORT FOR APRIL 1993

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NARRATIVE REPORT
UNIT 2

DOCKET NO. 50-425
DATE: MAY 3, 1993
COMPLETED BY: G. L. HOOPER
TELEPHONE: (706) 826-4104

APRIL 01 00:00 UNIT 2 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.
APRIL 30 23:59 UNIT 2 AT 100% POWER WITH NO OPERATIONAL PROBLEMS.

OPERATING DATA REPORT

DOCKET NO. 50-425

DATE: MAY 3, 1993

COMPLETED BY: G. L. HOOPER

TELEPHONE: (706) 826-4104

OPERATING STATUS

1. UNIT NAME:	VEGP UNIT 2
2. REPORT PERIOD:	APRIL 1993
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):	1161
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	1107
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	34608
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	719.0	2879.0	31124.9
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE:	719.0	2879.0	30666.6
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH):	2450906	9814340	100302688
17. GROSS ELEC. ENERGY GENERATED (MWH):	844908	3394593	33979869
18. NET ELEC. ENERGY GENERATED (MWH):	806758	3242803	32309379
19. REACTOR SERVICE FACTOR	100.0%	100.0%	89.9%
20. REACTOR AVAILABILITY FACTOR	100.0%	100.0%	89.9%
21. UNIT SERVICE FACTOR:	100.0%	100.0%	88.6%
22. UNIT AVAILABILITY FACTOR:	100.0%	100.0%	88.6%
23. UNIT CAPACITY FACTOR (USING MDC NET):	101.4%	101.7%	84.7%
24. UNIT CAPACITY FACTOR (USING DER NET):	101.9%	102.3%	84.8%
25. UNIT FORCED OUTAGE RATE:	0.0%	0.0%	1.7%

26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

REFUELING, SEPTEMBER 11, 1993, 41 DAYS

27. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NA

UNIT 2 AVERAGE DAILY
 POWER LEVEL

DOCKET NO. 50-425
DATE: MAY 3, 1993
COMPLETED BY: G. L. HOOPER
TELEPHONE: (706) 826-4104

DAY	Net MW
1	1121 *
2	1128 *
3	1129 *
4	1078
5	1126 *
6	1126 *
7	1127 *
8	1125 *
9	1121 *
10	1123 *
11	1121 *
12	1116 *
13	1120 *
14	1117 *
15	1113 *
16	1122 *
17	1125 *
18	1126 *
19	1124 *
20	1119 *
21	1121 *
22	1124 *
23	1123 *
24	1119 *
25	1113 *
26	1114 *
27	1123 *
28	1125 *
29	1124 *
30	1124 *

* MDC CAN BE EXCEEDED UNDER OPTIMAL CONDITIONS

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-425

DATE: MAY 3, 1993

UNIT NAME: VEGP UNIT 2

COMPLETED BY: G. L. HOOPER

TELEPHONE: (706) 826-4104

REPORT MONTH APRIL 1993

NO.	DATE	TYPE	FUNCTION (HOURS)	REASON CODE	METHOD	LICENSEE EVENT REPORT NUMBER	SYSC TO ED ME	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 3

VOGTLE ELECTRIC GENERATING PLANT - UNITS 1 AND 2
MONTHLY OPERATING REPORT FOR APRIL 1993

CHALLENGES TO PORV OR SAFETY VALVES

(ENCLOSURE 3)

VEGP UNITS 1 & 2

DOCKET NOS. 50-424,50-425
DATE: MAY 3, 1993
COMPLETED BY: G. L. HOOPER
TELEPHONE: (706) 826-4104

DATE	TAG NO.	EVENT TYPE	DESCRIPTION
			NO EVENTS FOR APRIL