

Callaway Plant  
Post Office Box 620  
Fulton, Missouri 65251

January 7, 1992



Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

ULNRC-2545

Dear Sir:

DOCKET NUMBER 50-483  
CALLAWAY PLANT UNIT 1  
FACILITY OPERATING LICENSE NPF-30  
MONTHLY OPERATING REPORT  
DECEMBER 1991

The enclosed Monthly Operating Report for December, 1991 is submitted pursuant to section 6.9.1.8 of the Callaway Unit 1 Technical Specifications.

for J. D. Blosser  
Manager, Callaway Plant

JDB/DEY/RDA/TAM/RJM/crc

Enclosure

cc: Distribution attached

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PDR ADOLK 05000483  
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cc distribution for ULNRC-2545

with enclosures

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Manager, Electric Department  
Missouri Public Service Commission  
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Jefferson City, MO 65102

DOCKET NO. 50-483  
UNIT NAME CALLAWAY UNIT 1  
DATE 01-07-92  
COMPLETED BY R. J. McCann  
TELEPHONE 314/676-8243

PART A OPERATIONS SUMMARY

The plant operated at approximately 100% power for the entire month with the following exceptions.

On 12/06/91, load was reduced to 50% due to commencing a shutdown per Technical Specification 3.1.1.3.b for Moderator Temperature Coefficient concerns (i.e., MTC more negative than EOL limit). Discussions with the NRC and Westinghouse resulted in a temporary waiver of compliance for T.S. 3.1.1.3.b and full power operations resumed later that day.

On 12/07/91, load was reduced to 96% to perform a Moderator Temperature Coefficient measurement test on 12/09/91. Full power operation resumed on 12/09/91.

On 12/15/91, load was reduced to 96% to perform a Moderator Temperature Coefficient measurement test on 12/17/91. Full power operations resumed on 12/17/91.

PART B PORV AND SAFETY VALVE SUMMARY

None

PART C  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO	50-483
UNIT	Callaway Unit 1
DATE	01-07-92
COMPLETED BY	R. J. McCann
TELEPHONE	314/676-8243

MONTH: DECEMBER 1991

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe)</u>
1	1160	17	1157
2	1178	18	1180
3	1180	19	1165
4	1175	20	1178
5	1171	21	1179
6	1112	22	1174
7	1161	23	1174
8	1125	24	1178
9	1141	25	1176
10	1173	26	1176
11	1171	27	1175
12	1166	28	1174
13	1174	29	1177
14	1178	30	1177
15	1178	31	1179
16	1165		

Part D  
OPERATING DATA REPORT

DOCKET NO. 50-483  
UNIT NAME CALLAWAY UNIT 1  
DATE 01-07-92  
COMPLETED BY R. J. McCANN  
TELEPHONE 314/676-8243

OPERATING STATUS

	(YTD)	(CUM)
1. REPORTING PERIOD: December 1991 GROSS HOURS IN REPORTING PERIOD:	744	8760 61,621.5
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3565 MAX. DEFEND. CAPACITY (MWe-Net): 1125 DESIGN ELECTRICAL RATING (MWe-Net) 1171		
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY)(MWe-Net):		
4. REASONS FOR RESTRICTION (IF ANY):		
	<u>THIS MONTH</u>	<u>YR TO DATE</u> <u>CUMULATIVE</u>
5. NUMBER OF HOURS REACTOR WAS CRITICAL.....	744.0	8734.1      54,079.5
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	0      0
7. HOURS GENERATOR ON LINE.....	744.0	8726.2      52,849.4
8. UNIT RESERVE SHUTDOWN HOURS.....	0	0      0
9. GROSS THERMAL ENERGY GENERATED (MWH).....	2,602,283	30,375,268      173,686,767
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)...	908,766	10,451,583      60,063,164
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	869,503	9,979,371      57,079,548
12. REACTOR SERVICE FACTOR.....	100.0	99.7      87.8
13. REACTOR AVAILABILITY FACTOR.....	100.0	99.7      87.8
14. UNIT SERVICE FACTOR.....	100.0	99.9      85.8
15. UNIT AVAILABILITY FACTOR.....	100.0	99.9      85.8
16. UNIT CAPACITY FACTOR (Using MOC).....	103.9	101.3      82.3
17. UNIT CAPACITY FACTOR (Using Design MWe)...	99.8	97.3      79.1
18. UNIT FORCED OUTAGE RATE.....	0.0	0.4      3.0
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling; Date: 3/10/92; Duration: 63 Days		
20. IF SHUT DOWN AT END OF REPORTING PERIOD, ESTIMATED DATE OF STARTUP:		

PART E  
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-483  
UNIT NAME CALLAWAY UNIT 1  
DATE 12-07-92  
COMPLETED BY R. J. McCann  
TELEPHONE 314/676-8243

REPORT MONTH: DECEMBER 1991

No.	DATE	TYPE F: POWER S: SHUTDOWN	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
18	12/06/91	F	0	D	1	On 12/06/91, load was reduced to 50% due to commencing a shutdown per Technical Specification 3.1.1.3.b for Moderator Temperature Coefficient concerns (i.e., MTC more negative than EDL limit). Discussions with the NRC and Westinghouse resulted in a temporary waiver of compliance for T.S. 3.1.1.3.b and full power operations resumed later that day.
19	12/07/91	S	0	B	1	On 12/07/91, load was reduced to 96% to perform a Moderator Temperature Coefficient measurement test on 12/09/91. Full power operation resumed on 12/09/91.
20	12/16/91	S	0	B	1	On 12/16/91, load was reduced to 96% to perform a Moderator Temperature Coefficient measurement test on 12/17/91. Full power operation resumed on 12/17/91.

SUMMARY:

REASON  
A: EQUIPMENT FAILURE (EXPLAIN)  
B: MAINT. OR TEST  
C: REFUELING  
D: REGULATORY RESTRICTION  
E: OPERATOR TRAINING AND  
LICENSE EXAMINATION  
F: ADMINISTRATIVE  
G: OPERATIONAL ERROR (EXPLAIN)  
H: OTHER (EXPLAIN)

METHOD  
1: MANUAL  
2: MANUAL SCRAM  
3: AUTOMATIC SCRAM  
4: OTHER (EXPLAIN)