



November 9, 1995

U.S. Nuclear Regulatory Commission  
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ULNRC-03289

Gentlemen:

DOCKET NUMBER 50-483  
CALLAWAY PLANT UNIT 1  
FACILITY OPERATING LICENSE NPF-30  
**MONTHLY OPERATING REPORT**  
**OCTOBER 1995**

The enclosed Monthly Operating Report for October 1995 is submitted pursuant to Section 6.9.1.8 of the Callaway Unit 1 Technical Specifications.

*R. D. Affolter*  
for R. D. Affolter  
Manager, Callaway Plant

RDA/HDB/MAH/cmw

Enclosure

cc: Distribution attached

100001

9511160001 951031  
PDR ADOCK 050004B3  
R PDR

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cc distribution for ULNRC-03289

with enclosures

Mr. L. Joe Callan  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive  
Suite 400  
Arlington, TX 76011

Ms. Kristine M. Thomas (2 copies)  
Licensing Project Manager  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Mail Stop 13-E-21  
Washington, D.C. 20555

Manager, Electric Department  
Missouri Public Service Commission  
P. O. Box 360  
Jefferson City, MO 65102

Mr. Thomas A. Baxter  
Shaw, Pittman, Potts & Trowbridge  
2300 N. Street N.W.  
Washington, D.C. 20037

NRC Resident Inspector

DOCKET NO.: 50-483  
UNIT NAME: CALLAWAY UNIT 1  
DATE: 11/8/95  
COMPLETED BY: M. A. Holmes  
TELEPHONE: 314/676-8842  
FAX: 314/676-8562

### **PART A - OPERATIONS SUMMARY:**

The plant operated at approximately 98.5% for the month of October due to steam generator low pressure limitations after chemical cleaning with the following exceptions:

On 10/02/95 at 08:00 CDT, the plant was shut down to repair a leak on the Excess Letdown line. This line comes off the 'D' loop cross-over line connecting the Reactor Coolant Pump (RCP) with the Steam Generator. The work continued until the leak was repaired. In addition boric acid crystals were identified on the 'B' and 'C' RCPs between the seal housing and casing. The bolts on the housings had been replaced during the 1995 spring outage due to leaks in the same area. The cause was determined to be burrs in the bolts causing false elongation readings during the torquing process. The bolts were replaced with studs. On 10/11/95 at 14:26, the main breaker was closed.

On 10/13/95 at 23:01, power was reduced to 98.3% for the performance of Instrument and Control (I&C) surveillances.

On 10/16/95 at 17:00, power was reduced to 98.3% for the performance of I&C surveillances.

On 10/23/95 at 21:00, power was reduced to 98.3% for the performance of I&C surveillances.

On 10/24/95 at 09:15, power was reduced to 98.1% to adjust the packing on a valve in the Chemical & Volume Control System, BGHV8152.

On 10/25/95 at 19:00, power was reduced to 98.3% for the performance of I&C surveillances.

### **PART B - PORV AND SAFETY VALVE SUMMARY:**

None.

**PART C**  
**AVERAGE DAILY UNIT POWER LEVEL**

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MONTH: OCTOBER 1995

AVERAGE DAILY POWER LEVEL		AVERAGE DAILY POWER LEVEL	
DAY	(MWe-Net)	DAY	(MWe-Net)
1	1,148	17	1,144
2	912	18	1,146
3	0	19	1,146
4	0	20	1,162
5	0	21	1,166
6	0	22	1,154
7	0	23	1,149
8	0	24	1,159
9	0	25	1,159
10	0	26	1,154
11	123	27	1,155
12	689	28	1,162
13	1,084	29	1,161
14	1,158	30	1,160
15	1,158	31	1,155
16	1,157		

**PART D**  
**OPERATING DATA REPORT**

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**OPERATING STATUS:**

- |  | (OCT) | (YTD) | (CUM)    |
|--|-------|-------|----------|
| 1. REPORTING PERIOD:   |       |       |          |
| GROSS HOURS IN REPORTING PERIOD:   | 744   | 7,295 | 95,220.5 |
| 2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3565 MAX. DEPEND. CAPACITY<br>(MWe-Net): 1125<br>DESIGN ELECTRICAL RATING (MWe-Net): 1171 |       |       |          |
| 3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): 100%  |       |       |          |
| 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	525.2	5,953.8	83,660.5
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON-LINE	525	5,894.6	82,176.4
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,784,097	20,249,075	277,805,838
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	612,321	6,884,878	94,736,646
11. NET ELECTRICAL ENERGY GENERATED (MWH)	578,403	6,547,774	90,118,316
12. REACTOR SERVICE FACTOR	70.6	81.6	87.9
13. REACTOR AVAILABILITY FACTOR	70.6	81.6	87.9
14. UNIT SERVICE FACTOR	70.6	80.8	86.3
15. UNIT AVAILABILITY FACTOR	70.6	80.8	86.3
16. UNIT CAPACITY FACTOR (Using MDC)	69.1	79.8	84.1
17. UNIT CAPACITY FACTOR (Using Design MWe)	66.4	76.6	80.8
18. UNIT FORCED OUTAGE RATE	29.39	4.10	2.39

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):  
Refueling Date: 10/05/96  
Duration: 42 days

20. IF SHUT DOWN AT END OF REPORTING PERIOD, ESTIMATE DATE OF STARTUP:

**PART E**  
**UNIT SHUTDOWNS AND POWER REDUCTIONS**

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REPORT MONTH: OCTOBER 1995

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u> <u>F: FORCED</u> <u>S: SCHEDULED</u>	<u>DURATION</u> <u>(HOURS)</u>	<u>REASON</u>	<u>METHOD OF</u> <u>SHUTTING DOWN</u> <u>THE REACTOR OR</u> <u>REDUCING POWER</u>	<u>CORRECTIVE</u> <u>ACTIONS/COMMENTS</u>
6	951002	F	219	A	1	SEE SUMMARY BELOW.

**SUMMARY:** On 10/02/95 at 08:00 CDT, the plant was shut down to repair a leak on the Excess Letdown line. This line comes off the 'D' loop cross-over line connecting the Reactor Coolant Pump (RCP) with the Steam Generator. The work continued until the leak was repaired. In addition boric acid crystals were identified on the 'B' and 'C' RCPs between the seal housing and casing. The bolts on the housings had been replaced during the 1995 spring outage due to leaks in the same area. The cause was determined to be burrs in the bolts causing false elongation readings during the torquing process. The bolts were replaced with studs. On 10/11/95 at 14:26, the main breaker was closed.

**REASON**

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

**METHOD**

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