



May 7, 1996

Document Control Desk
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop P1-137
Washington, DC 20555

ULNRC-3376

Gentlemen:

DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
FACILITY OPERATING LICENSE NPF-30
MONTHLY OPERATING REPORT
APRIL 1996

The enclosed Monthly Operating Report for April 1996 is submitted pursuant to Section 6.9.1.8 of the Callaway Unit 1 Technical Specifications.

A handwritten signature in cursive script, appearing to read "R. D. Affolter".

R. D. Affolter
Manager, Callaway Plant

RDA/MAH/tdf

Enclosure

140144

9605140309 960430
PDR ADOCK 05000483
R PDR

IE2A
11

ULNRC-3376

May 7, 1996

Page 2

cc: Mr. L. J. Callan
Regional Administrator
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

NRC Resident Inspector

Ms. Kristine M. Thomas
Licensing Project Manager, Callaway Plant
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop 13-E-21
Washington, DC 20555

Manager, Electric Department
Missouri Public Service Commission
PO Box 360
Jefferson City, MO 65102

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

DOCKET NO.: 50-483
UNIT NAME: CALLAWAY UNIT 1
DATE: 5/7/96
COMPLETED BY: M. A. Holmes
TELEPHONE: 314/676-8842
FAX: 314/676-8562

PART A - OPERATIONS SUMMARY:

The plant operated at approximately 100 % for the entire month of April except for:

On 4/2/96, at 1045 CDT, a fuse in the 125vdc power supply to the yellow train fast close solenoid on 'B' Main Feedwater Isolation Valve (MFIV), AEFV0040, failed and caused the MFIV to close. The licensed control room operators immediately recognized the closure of the isolation valve, and understanding the inability to maintain steam generator levels with this condition, initiated a manual reactor trip with the plant in Mode 1 at 100% reactor power.

On 4/12/96, at 15:00, power was reduced to approximately 64 % to repair tube leaks in the 'C' Feedwater Low Pressure Heater string.

On 4/20/96, at 2:30, power was reduced to 84 % for planned maintenance on the 'B' Condensate Pump.

PART B - PORV AND SAFETY VALVE SUMMARY:

None.

PART C
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-483
UNIT: Callaway Unit 1
DATE: 5/7/96
COMPLETED BY: M. A. Holmes
TELEPHONE: 314/676-8842
FAX: 314/676-8562

MONTH FEBRUARY 1996

AVERAGE DAILY POWER LEVEL		AVERAGE DAILY POWER LEVEL	
DAY	(MWe-Net)	DAY	(MWe-Net)
1	1,169	17	1,161
2	1,087	18	1,156
3	722	19	1,152
4	1,155	20	1,085
5	1,173	21	1,076
6	1,174	22	1,125
7	1,124	23	1,169
8	1,173	24	1,160
9	1,172	25	1,158
10	1,168	26	1,170
11	1,154	27	1,170
12	1,110	28	1,168
13	959	29	1,171
14	854	30	1,172
15	1,169	31	
16	1,170		

PART D
OPERATING DATA REPORT

DOCKET NO.: 50-483
UNIT NAME: CALLAWAY UNIT 1
DATE: 5/7/96
COMPLETED BY: M. A. Holmes
TELEPHONE: 314/676-8842
FAX: 314/676-8562

OPERATING STATUS:

	(APR)	(YTD)	(CUM)
1. REPORTING PERIOD:			
GROSS HOURS IN REPORTING PERIOD:	720	2,904.0	99,589.5

2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3565 MAX. DEPEND. CAPACITY
(MWe-Net): 1125
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	705.9	2,889.9	88,015.4
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON-LINE	701.0	2,866.0	86,507.4
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,415,714	10,048,782	293,007,500
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	817,812	3,433,315	99,954,169
11. NET ELECTRICAL ENERGY GENERATED (MWH)	788,508	3,287,006	95,110,378
12. REACTOR SERVICE FACTOR	98.0	99.5	88.4
13. REACTOR AVAILABILITY FACTOR	98.0	99.5	88.4
14. UNIT SERVICE FACTOR	97.4	98.7	86.9
15. UNIT AVAILABILITY FACTOR	97.4	98.7	86.9
16. UNIT CAPACITY FACTOR (Using MDC)	97.3	100.6	84.9
17. UNIT CAPACITY FACTOR (Using Design MWe)	93.5	96.7	81.6
18. UNIT FORCED OUTAGE RATE	2.64	1.31	2.31

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

Refueling Date: 10/12/96
Duration: 42 days

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

PART E
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-483
UNIT NAME: CALLAWAY UNIT 1
DATE: 5/7/96
COMPLETED BY: M. A. Holmes
TELEPHONE: 314/676-8842
FAX: 314/676-8562

REPORT MONTH: APRIL 1996

<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>
3	960402	F	19	A	2	See Summary below.
4	960412	S	0	B	4	See Summary below.

SUMMARY:

- 3: On 4/2/96, at 1045 CDT, a fuse in the 125vdc power supply to the yellow train fast close solenoid on 'B' Main Feedwater Isolation Valve (MFIV), AEFV0040, failed and caused the MFIV to close. The licensed control room operators immediately recognized the closure of the isolation valve, and understanding the inability to maintain steam generator levels with this condition, initiated a manual reactor trip with the plant in Mode 1 at 100% reactor power.
- 4: On 4/12/96, at 15:00, power was reduced to approximately 64 % to repair tube leaks in the 'C' Feedwater Low Pressure Heater string.

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)