



December 6, 1996

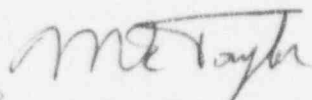
U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop P1-137
Washington, DC 20555-0001

ULNRC-3502

Gentlemen:

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

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

for 
R. D. Affolter
Manager, Callaway Plant

RDA/MAH/tmw

Enclosure

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ULNRC-3502

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DOCKET NO.: 50-483
UNIT NAME: CALLAWAY UNIT 1
DATE: 12/6/96
COMPLETED BY: M. A. Holmes
TELEPHONE: 573/676-8842
FAX: 573/676-8562

PART A - OPERATIONS SUMMARY:

The plant continued a refueling outage during the month of November. On 11/11/96, at 2241 CST, licensed operators closed the breakers on the main turbine generator. This completed the eighth refueling outage for Callaway.

On 11/11/96, at 2304 CST, an Engineered Safety Features Feedwater Isolation Signal and a Motor Driven Auxiliary Feedwater Actuation Signal occurred due to the water level in the 'A' Steam Generator increasing to the high level trip setpoint. Subsequently, the 'B' Reactor Coolant Pump was tripped due to high vibration levels and the plant was shut down per Technical Specification 3.4.1.1 which required the shut down with less than all reactor coolant loops in operation. The event was reported as Licensee Event Report 96-005.

The plant was started up again on 11/13/96, at 0054, where it was ramped up and operated at approximately 100% for the remainder of the month.

PART B - PORV AND SAFETY VALVE SUMMARY:

None.

PART C
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-483
UNIT: Callaway Unit 1
DATE: 12/6/96
COMPLETED BY: M. A. Holmes
TELEPHONE: 573/676-8842
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MONTH: NOVEMBER 1996

AVERAGE DAILY POWER LEVEL		AVERAGE DAILY POWER LEVEL	
<u>DAY</u>	<u>(MWe-Net)</u>	<u>DAY</u>	<u>(MWe-Net)</u>
1	0	17	1,107
2	0	18	1,170
3	0	19	1,174
4	0	20	1,174
5	0	21	1,170
6	0	22	1,173
7	0	23	1,173
8	0	24	1,176
9	0	25	1,177
10	0	26	1,176
11	0	27	1,177
12	0	28	1,177
13	284	29	1,175
14	473	30	1,175
15	587	31	
16	1,028		

PART D
OPERATING DATA REPORT

DOCKET NO.: 50-483
 UNIT NAME: CALLAWAY UNIT 1
 DATE: 12/6/96
 COMPLETED BY: M. A. Holmes
 TELEPHONE: 573/676-8842
 FAX: 573/676-8562

OPERATING STATUS:

	(NOV)	(YTD)	(CUM)
1. REPORTING PERIOD:			
GROSS HOURS IN REPORTING PERIOD:	720	8,040.0	104,725.5
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	488.9	7,302.9.0	92,428.4
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON-LINE	432.0	7,218.5	90,859.9
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,378,918	25,172,992	308,131,710
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	472,955	8,565,311	105,086,165
11. NET ELECTRICAL ENERGY GENERATED (MWH)	441,911	8,155,668	99,979,040
12. REACTOR SERVICE FACTOR	67.9	90.8	88.3
13. REACTOR AVAILABILITY FACTOR	67.9	90.8	88.3
14. UNIT SERVICE FACTOR	60.0	89.8	86.8
15. UNIT AVAILABILITY FACTOR	60.0	89.8	86.8
16. UNIT CAPACITY FACTOR (Using MFC)	54.6	90.2	84.9
17. UNIT CAPACITY FACTOR (Using Design MWe)	52.4	86.6	81.5
18. UNIT FORCED OUTAGE RATE	5.65	0.88	2.23

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

Refueling Date:

Duration:

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: 12/6/96
 COMPLETED BY: M. A. Hoimes
 TELEPHONE: 573/676-8842
 FAX: 573/676-8562

REPORT MONTH: NOVEMBER 1996

<u>NO.</u>	<u>DATE</u>	<u>TYPE</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>
		<u>F: FORCED</u>	<u>S: SCHEDULED</u>				
7	961012		S	262.7	C	1	See comments below.
8	961111	F		25.8	G/A	1	See comments below.

SUMMARY:

7. The plant continued a refueling outage during the month of November. On 11/11/96, at 2241 CST, licensed operators closed the breakers on the main turbine generator. This completed the eighth refueling outage for Callaway.

8. On 11/11/96, at 2304 CST, an Engineered Safety Features Feedwater Isolation Signal and a Motor Driven Auxiliary Feedwater Actuation Signal occurred due to the water level in the 'A' Steam Generator increasing to the high level trip setpoint. Subsequently, the 'B' Reactor Coolant Pump was tripped due to high vibration levels and the plant was shut down per Technical Specification 3.4.1.1 which required the shut down with less than all reactor coolant loops in operation. The event was reported as Licensee Event Report 96-005. The plant was started up again on 11/13/96, at 0054, where it was ramped up and operated at approximately 100% for the remainder of the month.

REASON

METHOD

- 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)

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