

December 11, 1998

U. S. Nuclear Regulatory Commission
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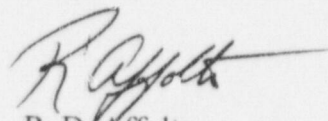


ULNRC-3936

Gentlemen:

**DOCKET NUMBER 50-483
UNION ELECTRIC CO.
CALLAWAY PLANT UNIT 1
FACILITY OPERATING LICENSE NPF-30
MONTHLY OPERATING REPORT
NOVEMBER, 1998**

The enclosed Monthly Operating Report for November, 1998 is submitted pursuant to Section 6.9.1.8 of the Callaway Unit 1 Technical Specifications.


R. D. Affolter
Manager, Callaway Plant

RDA/JER/cjs

Enclosure

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230011

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DOCKET NO.: 50-483
UNIT NAME: CALLAWAY UNIT 1
COMPLETED BY: J. E. Ready
TELEPHONE: 573/676-8617
FAX: 573/676-4202

PART A - OPERATIONS SUMMARY:

The plant operated at approximately 100% power until 11-29-98. At 01:46 on 11-27-98 The "A" train ESFAS alarm actuated for the "A" Containment Cooler. An investigation determined that containment cooler fan DSGN01A had failed, causing breaker NG01T to trip. On 11-29-98 at 00:00 a downpower to Mode 3 began, to allow the use of the Polar Crane for replacement of the containment cooler fan motor. The Main Turbine was secured at 12:53 on 11-29-98. The plant entered Mode 3 at 15:25 on 11-29-98. The replacement of the fan motor was in progress through the end of the reporting period.

PART B - PORV AND SAFETY VALVE SUMMARY:

None.

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PART C
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-483
UNIT: Callaway Unit 1
COMPLETED BY: J. E. Ready
TELEPHONE: 573/676-8617
FAX: 573/676-4202

MONTH: NOVEMBER, 1998

AVERAGE DAILY POWER LEVEL		AVERAGE DAILY POWER LEVEL	
<u>DAY</u>	<u>(MWe-Net)</u>	<u>DAY</u>	<u>(MWe-Net)</u>
1	1,163	17	1,170
2	1,166	18	1,163
3	1,172	19	1,174
4	1,173	20	1,174
5	1,175	21	1,172
6	1,175	22	1,167
7	1,176	23	1,161
8	1,175	24	1,169
9	1,169	25	1,163
10	1,166	26	1,167
11	1,171	27	1,165
12	1,168	28	1,157
13	1,171	29	453
14	1,166	30	0
15	1,171		
16	1,166		

PART D
OPERATING DATA REPORT

DOCKET NO.: 50-483
UNIT NAME: CALLAWAY UNIT 1
COMPLETED BY: J. E. Ready
TELEPHONE: 573/676-8617
FAX: 573/676-4202

OPERATING STATUS:

- | | (NOVEMBER) | (YTD) | (CUM) |
|---|------------|---------|-----------|
| 1. REPORTING PERIOD: | | | |
| GROSS HOURS IN REPORTING PERIOD: | 720 | 8,016.0 | 122,245.5 |
| 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	687.4	7272.2	109,109.1
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON-LINE	672	7195.6	107,461
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,412,415	23,785,945	361,621,638
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	828,566	8,103,580	123,353,229
11. NET ELECTRICAL ENERGY GENERATED (MWH)	790,473	7,706,691	117,375,044
12. REACTOR SERVICE FACTOR	95.5	90.7	89.3
13. REACTOR AVAILABILITY FACTOR	95.5	90.7	89.3
14. UNIT SERVICE FACTOR	93.3	89.8	87.9
15. UNIT AVAILABILITY FACTOR	93.3	89.8	87.9
16. UNIT CAPACITY FACTOR (Using MDC)	97.6	85.5	85.3
17. UNIT CAPACITY FACTOR (Using Design MWe)	93.8	82.1	82.0
18. UNIT FORCED OUTAGE RATE	4.88	0.80	2.03
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
20. IF SHUT DOWN AT END OF REPORTING PERIOD, ESTIMATE DATE OF STARTUP: 1998-12-02			

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PART E
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-483
UNIT NAME: CALLAWAY UNIT 1
COMPLETED BY: J. E. Ready
TELEPHONE: 573/676-8617
FAX: 573/676-4202

REPORT MONTH: NOVEMBER, 1998

<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>
9806	981023	F	0	A	1	October downpower
9807	981024	F	23.10	A	1	October outage
9808	981025	F	0	A	1	October power ascension
9809	981129	F	0	A	1	November downpower
9810	981129	F	35.12	A	1	November outage

SUMMARY:

Events 9806 through 9808 are updates for October, 1998. Event 9806 originally reported a duration of 71.87 hours. This included the downpower, the outage and the power ascension. Event 9807 is the actual outage with the revised hours (23.10) that the plant was off line. The revised hours also reduces the Forced outage rate for the month of October from 9.65% to 3.10%.

At 01:46 on 11-27-98 The "A" train ESFAS alarm actuated for the "A" Containment Cooler. An investigation determined that containment cooler fan DSGN01A had failed, causing breaker NG01T to trip. On 11-29-98 at 00:00 a downpower to Mode 3 began, to allow the use of the Polar Crane for replacement of the containment cooler fan motor. The Main Turbine was secured at 12:53 on 11-29-98. The plant entered Mode 3 at 15:25 on 11-29-98. The replacement of the fan motor was in progress through the end of the reporting period.

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)