

August 11, 1999



U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop P1-137
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ULNRC-4084

Gentlemen:

**DOCKET NUMBER 50-483
UNION ELECTRIC CO.
CALLAWAY PLANT UNIT 1
FACILITY OPERATING LICENSE NPF-30
MONTHLY OPERATING REPORT
JULY, 1999**

The enclosed Monthly Operating Report for July, 1999 is submitted pursuant to Section 6.9.1.8 of the Callaway Unit 1 Technical Specifications.

A handwritten signature in dark ink, appearing to read "R. D. Affolter".

R. D. Affolter
Manager, Callaway Plant

RDA/JER/mib

Enclosure

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PDR ADOCK 05000493
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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:

Callaway operated at approximately 100% power for the month of July with the exception of July 28th, 29th, and 30th. Load was reduced to approximately 95% for several hours on each of those days. This load following was caused by increased backpressure due to the very hot ambient weather.

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: July, 1999

AVERAGE DAILY POWER LEVEL		AVERAGE DAILY POWER LEVEL	
<u>DAY</u>	<u>(MWe-Net)</u>	<u>DAY</u>	<u>(MWe-Net)</u>
1	1,131	17	1,126
2	1,123	18	1,125
3	1,118	19	1,119
4	1,120	20	1,120
5	1,121	21	1,119
6	1,124	22	1,118
7	1,141	23	1,117
8	1,132	24	1,113
9	1,125	25	1,116
10	1,138	26	1,115
11	1,144	27	1,120
12	1,143	28	1,110
13	1,140	29	1,095
14	1,134	30	1,106
15	1,126	31	1,115
16	1,125		

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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:

	(JULY)	<u>YR TO DATE</u>	<u>CUMULATIVE</u>
1. REPORTING PERIOD:			
GROSS HOURS IN REPORTING PERIOD:	744	5087	128,076.5
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	744	5087	114,921.3
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON-LINE	744	5087	113,267.9
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,645,815	18,070,891.4	382,152,920
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	876,471	6,109,237.0	130,311,378
11. NET ELECTRICAL ENERGY GENERATED (MWH)	835,624	5,833,593.0	124,018,719
12. REACTOR SERVICE FACTOR	100.0	100.0	89.7
13. REACTOR AVAILABILITY FACTOR	100.0	100.0	89.7
14. UNIT SERVICE FACTOR	100.0	100.0	88.4
15. UNIT AVAILABILITY FACTOR	100.0	100.0	88.4
16. UNIT CAPACITY FACTOR (Using MDC)	99.8	101.9	86.1
17. UNIT CAPACITY FACTOR (Using Design MWe)	95.9	97.9	82.7
18. UNIT FORCED OUTAGE RATE	0.0	0.0	1.96
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): REFUELING OUTAGE X, 10-04-99, 28 DAY DURATION			
20. IF SHUT DOWN AT END OF REPORTING PERIOD, ESTIMATE DATE OF STARTUP:			

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PART E
UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH: JULY, 1999

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER		CORRECTIVE ACTIONS/COMMENTS
9906	7-28-99	F	4	H		I	HIGH CONDENSER BACK PRESSURE
9907	7-29-99	F	10	H		I	HIGH CONDENSER BACK PRESSURE
9908	7-30-99	F	4	H		I	HIGH CONDENSER BACK PRESSURE

SUMMARY Callaway operated at approximately 100% power for the month of July with the exception of July 28th, 29th, and 30th. Load was reduced to approximately 95% for several hours on each of those days. The high ambient temperature during the three days reduced the effectiveness of the condenser to maintain a vacuum.

REASON	METHOD
A: EQUIPMENT FAILURE (EXPLAIN)	1: MANUAL
B: MAINT. OR TEST	2: MANUAL SCRAM
C: REFUELING	3: AUTOMATIC SCRAM
D: REGULATORY RESTRICTION	4: OTHER (EXPLAIN)
E: OPERATOR TRAINING AND LICENSE EXAMINATION	
F: ADMINISTRATION	
G: OPERATIONAL ERROR (EXPLAIN)	
H: OTHER (EXPLAIN)	