



UNION ELECTRIC COMPANY

Callaway Plant

July 9, 1990

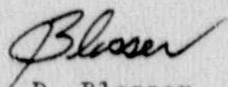
Nuclear Regulatory Commission
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ULNRC-2251

Dear Sir:

DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
FACILITY OPERATING LICENSE NPF-30
MONTHLY OPERATING REPORT
JUNE 1990

The enclosed Monthly Operating Report for June, 1990 is
submitted pursuant to section 6.9.1.8 of the Callaway Unit 1
Technical Specifications.


J. D. Blosser
Manager, Callaway Plant

DEY RDA TAM RJM
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Enclosure

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DOCKET NO. 50-483
UNIT NAME CALLAWAY UNIT 1
DATE 7-9-90
COMPLETED BY R. J. McCann
TELEPHONE 314/676-8243

PART A OPERATIONS SUMMARY

The plant operated at approximately 100% power with the following exceptions:

- 1) On 6/1/90, load was reduced to approximately 81% to facilitate repairs to a feedwater heater relief valve and moisture separator reheater drain tank vent piping. Full power operation resumed on 6/3/90.
- 2) On 6/11/90, a reactor trip occurred due to pressurizer high pressure as a result of an inadvertent closure of the main steam line isolation valves. The plant returned to power operations on 6/12/90.
- 3) On 6/12/90, reactor power was limited to less than 50% due to problems with maintaining axial flux in its target band. Full power operations resumed on 6/16/90.
- 4) On 6/27/90, load was reduced to approximately 90% due to high vibration on the A circulating water pump. A circulating water pump was overhauled and full power operations resumed on 7/5/90.

PART B PORV AND SAFETY VALVE SUMMARY

During the pressurizer high pressure reactor trip on 6/11/90, both pressurizer PORV's (PCV-0455A and 0456A) received an actuation signal. However, PCV-0455A did not open due to its block valve being shut per Technical Specification action statement 3.4.4.a. PCV-0456A reseated after the high pressure transient.

Part C
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-483
UNIT NAME CALLAWAY UNIT 1
DATE 7-9-90
COMPLETED BY R. J. McCann
TELEPHONE 314/676-8243

MONTH: JUNE 1990

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	1125	17	1075
2	974	18	1119
3	1072	19	1139
4	1174	20	1138
5	1163	21	1153
6	1155	22	1158
7	1154	23	1164
8	1145	24	1126
9	1154	25	1159
10	1160	26	1154
11	470	27	1071
12	0	28	1011
13	438	29	1022
14	475	30	1037
15	492		
16	672		

Part D
OPERATING DATA REPORT

DOCKET NO.	50-483
UNIT NAME	CALLAWAY UNIT 1
DATE	7-9-90
COMPLETED BY	R. J. McCann
TELEPHONE	314/676-8243

OPERATING STAT IS

1. REPORTING PERIOD: JUNE 1990 GROSS HOURS IN REPORTING PERIOD: 720	(YTD 4,343	(CUM) 48,444.5
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):		
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	687.5	4,257.3 42,237.7
6. REACTOR RESERVE SHUTDOWN HOURS	0	0 0
7. HOURS GENERATOR ON LINE.....	684.1	4,243.4 41,197.8
8. UNIT RESERVE SHUTDOWN HOURS	0	0 0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,193,115	14,711,986 136,146,409
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	741,862	5,081,731 46,286,587
11. NET ELECTRICAL ENERGY GENERATED (MWH)	703,412	4,848,391 43,943,512
12. REACTOR SERVICE FACTOR	95.5	98.0 87.2
13. REACTOR AVAILABILITY FACTOR	95.5	98.0 87.2
14. UNIT SERVICE FACTOR	95.0	97.7 85.0
15. UNIT AVAILABILITY FACTOR	95.0	97.7 85.0
16. UNIT CAPACITY FACTOR (Using MDC)	86.8	99.2 80.6
17. UNIT CAPACITY FACTOR (Using Design MWe)	83.4	95.3 77.5
18. UNIT FORCED OUTAGE RATE	5.0	2.3 3.3
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling; Date: September 21, 1990; Duration: 56 days		
20. IF SHUT DOWN AT END OF REPORTING PERIOD, ESTIMATED DATE OF STARTUP:		

Part E
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-483
UNIT NAME CALLAWAY UNIT 1
DATE 7-9-90
COMPLETED BY R. J. McCann
TELEPHONE 314/676-8243

REPORT MONTH: JUNE 1990

NO.	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED	S: SCHEDULED				
7	6/1/90	S		0	A	1	On 6/1/90, load was reduced to approximately 81% to facilitate repairs to a feedwater heater relief valve and moisture separator reheater drain tank vent piping. Full power operation resumed on 6/3/90.
8	6/11/90	F		35.9	A	3	On 6/11/90, a reactor trip occurred due to pressurizer high pressure as a result of an inadvertent closure of the main steam line isolation valves. The plant returned to power operations on 6/12/90.
9	6/12/90	F		0	F	4	On 6/12/90, reactor power was limited to less than 50% due to problems with maintaining axial flux in its target band. Full power operations resumed on 6/16/90.
10	6/27/90	F		0	A	1	On 6/27/90, load was reduced to approximately 90% due to high vibration on the A circulating water pump. A circulating water pump was overhauled and full power operations resumed on 7/5/90.

SUMMARY:

REASON

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

METHOD

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