



UNION ELECTRIC COMPANY
Callaway Plant

June 5, 1990

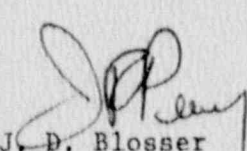
Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

ULNRC-2228

Dear Sir:

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

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


J. D. Blosser
Manager, Callaway Plant

KSB RDA TAM RJM
JDB/DEY/RDA/TAM/RJM/crc

Enclosure

cc: Distribution attached

9006200441 900531
PDR ADOCK 05000483
R PDC

cc distribution for ULNRC-2228

with enclosures

Mr. Richard Hague, Chief
Project Section 1A
U. S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Mr. Anthony Gody, Jr. (2 copies)
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop P-316
7420 Norfolk Avenue
Bethesda, MD 20014

NRC Resident Inspector

Manager, Electric Department
Missouri Public Service Commission
P. O. Box 360
Jefferson City, MO 65102

DOCKET NO. 50-483
UNIT NAME CALLAWAY UNIT 1
DATE 6-5-90
COMPLETED BY R. J. McCann
TELEPHONE 314/676-8243

PART A OPERATIONS SUMMARY

The plant operated at approximately 100% power for the entire month with the following exception:

- 1) On 5/1/90, while troubleshooting the generator control panel an electrical short developed which caused a turbine runback and subsequent reactor trip. Full power operation resumed on 5/4/90.

PART B PORV AND SAFETY VALVE SUMMARY

None

Part C
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-483
UNIT NAME CALLAWAY UNIT 1
DATE 6-5-90
COMPLETED BY R. J. McCann
TELEPHONE 314/676-8243

MONTH: MAY 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	643	17	1172
2	0	18	1168
3	0	19	1165
4	530	20	1172
5	1169	21	1178
6	1174	22	1175
7	1165	23	1172
8	1161	24	1169
9	1167	25	1158
10	1180	26	1163
11	1178	27	1169
12	1174	28	1168
13	1177	29	1167
14	1167	30	1172
15	1162	31	1169
16	1164		

Part D
OPERATING DATA REPORT

DOCKET NO. 50-483
UNIT NAME CALLAWAY UNIT 1
DATE 6-5-90
COMPLETED BY R. J. McCann
TELEPHONE 314/676-8243

OPERATING STATUS

		<u>(YTD</u>	<u>CUM)</u>
1. REPORTING PERIOD: MAY 1990 GROSS HOURS IN REPORTING PERIOD:	744	3623	47,724.5
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 356% 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	690.8	3,569.8	41,550.2
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON LINE.....	680.3	3,559.3	40,513.7
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,394,320	12,518,871	133,953,294
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	823,361	4,339,869	45,544,725
11. NET ELECTRICAL ENERGY GENERATED (MWH)	783,893	4,144,979	43,240,100
12. REACTOR SERVICE FACTOR	92.8	98.5	87.1
13. REACTOR AVAILABILITY FACTOR	92.8	98.5	87.1
14. UNIT SERVICE FACTOR	91.4	98.2	84.9
15. UNIT AVAILABILITY FACTOR	91.4	98.2	84.9
16. UNIT CAPACITY FACTOR (Using MDC)	93.7	101.7	80.5
17. UNIT CAPACITY FACTOR (Using Design MWe)	90.0	97.7	77.4
18. UNIT FORCED OUTAGE RATE	8.6	1.8	3.3
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling;			
Date: September 13, 1990; Duration: 56			
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 6-5-90
 COMPLETED BY R. J. McCann
 TELEPHONE 314/676-8243

REPORT MONTH: MAY 1990

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u>		<u>DURATION</u> (HOURS)	<u>REASON</u>	<u>METHOD OF</u> <u>SHUTTING DOWN</u> <u>THE REACTOR OR</u> <u>REDUCING POWER</u>	<u>CORRECTIVE ACTIONS/COMMENTS</u>
		F: FORCED	S: SCHEDULED				
6	5/1/90	F		63.7	B	3	On 5/1/90, while troubleshooting the generator control panel an electrical short developed which caused a turbine runback and subsequent reactor trip. Full power operation resumed on 5/4/90.

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)