



UNION ELECTRIC COMPANY
Callaway Plant

June 9, 1993

Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

ULNRC- 2812

Dear Sir:

DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
FACILITY OPERATING LICENSE NPF-30
MONTHLY OPERATING REPORT
MAY, 1993

The enclosed Monthly Operating Report for May, 1993 is submitted pursuant to
section 6.9.1.8 of the Callaway Unit 1 Technical Specifications.

W. R. Campbell
Manager, Callaway Plant

WRC/DEY/JAM/TAM/JBM/crt

Enclosure

cc: Distribution attached

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DOCKET NO. 50-483
UNIT NAME CALLAWAY UNIT 1
DATE 6-09-93
COMPLETED BY J. B. McInvale
TELEPHONE 314/676-8247

PART A OPERATIONS SUMMARY

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

On 5-07-93 load was reduced to 92% for scheduled work on low pressure feedwater heaters. Full power operation resumed on 5-09-93.

PART B PORV AND SAFETY VALVE SUMMARY

None

PART C
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-483
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DATE 6-09-93
COMPLETED BY J. B. McInvale
TELEPHONE 314/676-8247

MONTH: MAY 1993

AVERAGE DAILY POWER LEVEL

| DAY | (MWe-Net) |
|-----|-----------|
| 1 | 1152 |
| 2 | 1150 |
| 3 | 1148 |
| 4 | 1154 |
| 5 | 1147 |
| 6 | 1142 |
| 7 | 1143 |
| 8 | 1064 |
| 9 | 1143 |
| 10 | 1154 |
| 11 | 1155 |
| 12 | 1155 |
| 13 | 1161 |
| 14 | 1156 |
| 15 | 1150 |
| 16 | 1156 |

AVERAGE DAILY POWER LEVEL

| DAY | (MWe-Net) |
|-----|-----------|
| 17 | 1158 |
| 18 | 1156 |
| 19 | 1160 |
| 20 | 1162 |
| 21 | 1159 |
| 22 | 1153 |
| 23 | 1149 |
| 24 | 1148 |
| 25 | 1156 |
| 26 | 1154 |
| 27 | 1149 |
| 28 | 1144 |
| 29 | 1151 |
| 30 | 1144 |
| 31 | 1158 |

PART D
OPERATING DATA REPORT

DOCKET NO. 50-483
UNIT NAME CALLAWAY UNIT 1
DATE 6-09-93
COMPLETED BY J. B. McInvale
TELEPHONE 314/676-8247

OPERATING STATUS

| | | (YTD) | (CUM) |
|---|-------------------|-------------------|-------------------|
| 1. REPORTING PERIOD: MAY 1993 GROSS HOURS IN REPORTING PERIOD: | 744 | 3623 | 74,028.5 |
| 2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3565 MAX. DEPEND. CAPACITY (MWe-Net): 1120 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 | 744.0 | 3,623.0 | 65,000.7 |
| 6. REACTOR RESERVE SHUTDOWN HOURS | 0 | 0 | 0 |
| 7. HOURS GENERATOR ON LINE | 744.0 | 3,623.0 | 63,678.7 |
| 8. UNIT RESERVE SHUTDOWN HOURS..... | 0 | 0 | 0 |
| 9. GROSS THERMAL ENERGY GENERATED (MWH)... | 2,618,825 | 12,600,202 | 213,680,152 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH).... | 895,528 | 4,350,753 | 72,912,649 |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | 855,030 | 4,154,114 | 69,328,212 |
| 12. REACTOR SERVICE FACTOR..... | 100.0 | 100.0 | 87.8 |
| 13. REACTOR AVAILABILITY FACTOR | 100.0 | 100.0 | 87.8 |
| 14. UNIT SERVICE FACTOR | 100.0 | 100.0 | 86.0 |
| 15. UNIT AVAILABILITY FACTOR | 100.0 | 100.0 | 86.0 |
| 16. UNIT CAPACITY FACTOR (Using MDC)..... | 102.6 | 102.4 | 83.6 |
| 17. UNIT CAPACITY FACTOR (Using Design MWe)..... | 98.1 | 97.9 | 80.0 |
| 18. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 2.7 |
| 19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling; Date: 10/01/93 Duration: 56 days | | | |
| 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 | 6-09-93 |
| COMPLETED BY | J. B. McInvale |
| TELEPHONE | 314/676-8247 |

REPORT MONTH: MAY 1993

| <u>NO.</u> | <u>DATE</u> | <u>TYPE</u> F: FORCED S: SCHEDULED | <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> |
|------------|-------------|--|----------------------------|---------------|--|------------------------------------|
|------------|-------------|--|----------------------------|---------------|--|------------------------------------|

SUMMARY

| | |
|---|--------------------|
| 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) | |