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August 13, 1997

C. Lance Terry  
Group Vice President

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)  
DOCKET NOS. 50-445 AND 50-446  
MONTHLY OPERATING REPORT FOR JULY 1997

Gentlemen:

Attached is the Monthly Operating Report for July 1997, prepared and submitted pursuant to Technical Specification 6.9.1.5 contained in Appendix A to the Comanche Peak Steam Electric Station Units 1 and 2, Operating License Nos. NPF-87 and NPF-89, respectively. During this reporting period, there have been no failures or challenges to the Power Operated Relief Valves (PORVs) or Safety Valves (SVs) for CPSES Units 1 and 2. Should you have any questions, please contact Douglas W. Snow at (254) 897-8448.

Sincerely,

*C. L. Terry*  
C. L. Terry

By: *Roger D. Walker*  
Roger D. Walker  
Regulatory Affairs Manager

DWS/grp  
Attachment

c - Mr. E. W. Merschoff, Region IV  
Mr. J. I. Tapia, Region IV  
Mr. T. J. Polich, NRR  
Resident Inspectors, CPSES

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COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 8/ 7/97  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

OPERATING STATUS

|  |            |                                  |             |
|--|------------|----------------------------------|-------------|
| 1. REPORTING PERIOD:   | JULY 1997  | GROSS HOURS IN REPORTING PERIOD: | 744         |
| 2. CURRENTLY AUTHORIZED POWER LEVEL (MWt):                                     | 3411       | MAX. DEPEND. CAPACITY (MWe-Net): | 1150 *      |
| DESIGN ELECTRICAL RATING (MWe-Net):  | 1150       |                                  |             |
| 3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net):                         | NONE       |                                  |             |
| 4. REASON FOR RESTRICTION (IF ANY):  |            |                                  |             |
|  | THIS MONTH | YR TO DATE                       | CUMULATIVE  |
| 5. NUMBER OF HOURS REACTOR WAS CRITICAL  | 744        | 5,087                            | 51,181      |
| 6. REACTOR RESERVE SHUTDOWN HOURS  | 0          | 0                                | 2,604       |
| 7. HOURS GENERATOR ON LINE   | 744        | 5,087                            | 50,541      |
| 8. UNIT RESERVE SHUTDOWN HOURS   | 0          | 0                                | 0           |
| 9. GROSS THERMAL ENERGY GENERATED (MWH)  | 2,536,073  | 17,311,140                       | 164,760,591 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH)                                    | 844,106    | 5,849,984                        | 55,038,514  |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH)                                      | 808,774    | 5,615,782                        | 52,539,211  |
| 12. REACTOR SERVICE FACTOR   | 100.0      | 100.0                            | 83.8        |
| 13. REACTOR AVAILABILITY FACTOR  | 100.0      | 100.0                            | 88.1        |
| 14. UNIT SERVICE FACTOR  | 100.0      | 100.0                            | 82.8        |
| 15. UNIT AVAILABILITY FACTOR   | 100.0      | 100.0                            | 82.8        |
| 16. UNIT CAPACITY FACTOR (USING MDC)   | 94.5       | 96.0                             | 74.8        |
| 17. UNIT CAPACITY FACTOR (USING DESIGN MWe)                                    | 94.5       | 96.0                             | 74.8        |
| 18. UNIT FORCED OUTAGE RATE  | 0.0        | 0.0                              | 4.3         |
| 19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): |            |                                  |             |
| 20. IF SHUTDOWN AT END OF REPORTING PERIOD, ESTIMATED DATE OF STARTUP:         |            |                                  |             |
| 21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):                      | ACHIEVED   |                                  |             |

COMMERCIAL OPERATION 900813

\* ESTIMATED

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 8/ 7/97  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: JULY 1997

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

|    |      |
|----|------|
| 1  | 1092 |
| 2  | 1092 |
| 3  | 1092 |
| 4  | 1091 |
| 5  | 1091 |
| 6  | 1091 |
| 7  | 1092 |
| 8  | 1091 |
| 9  | 1093 |
| 10 | 1091 |
| 11 | 1091 |
| 12 | 1091 |
| 13 | 1091 |
| 14 | 1094 |
| 15 | 1089 |
| 16 | 1087 |

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

|    |      |
|----|------|
| 17 | 1087 |
| 18 | 1086 |
| 19 | 1085 |
| 20 | 1085 |
| 21 | 1084 |
| 22 | 1084 |
| 23 | 1083 |
| 24 | 1082 |
| 25 | 1082 |
| 26 | 1081 |
| 27 | 1082 |
| 28 | 1082 |
| 29 | 1082 |
| 30 | 1076 |
| 31 | 1082 |

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 8/ 7/97  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: JULY 1997

| DAY   | TIME | REMARK/MODE                         |
|-------|------|-------------------------------------|
| 07/01 | 0000 | Unit began the month at 100% power. |
| 07/31 | 2400 | Unit ended the month at 100% power. |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 8/ 7/97  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

REPORT MONTH: JULY 1997

| NO | DATE | TYPE<br>F: FORCED<br>S: SCHEDULED | DURATION<br>(HOURS) | REASON | METHOD OF<br>SHUTTING DOWN<br>THE REACTOR OR<br>REDUCING POWER | CORRECTIVE ACTIONS/COMMENTS |
|----|------|-----------------------------------|---------------------|--------|--|-----------------------------|
|----|------|-----------------------------------|---------------------|--------|--|-----------------------------|

None

None

1) 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)

2) METHOD

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



COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 2  
NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 8/ 7/97  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: JULY 1997 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3411 MAX. DEPEND. CAPACITY (MWe-Net): 1150 \*
- DESIGN ELECTRICAL RATING (MWe-Net): 1150
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): NONE
4. REASON FOR RESTRICTION (IF ANY):
- THIS MONTH YR TO DATE CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL 744 5,005 29,486
6. REACTOR RESERVE SHUTDOWN HOURS 0 82 2,311
7. HOURS GENERATOR ON LINE 744 4,984 29,218
8. UNIT RESERVE SHUTDOWN HOURS 0 0 0
9. GROSS THERMAL ENERGY GENERATED (MWH) 2,530,620 16,430,208 94,713,834
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) 849,412 5,577,460 31,969,560
11. NET ELECTRICAL ENERGY GENERATED (MWH) 816,149 5,355,020 30,583,751
12. REACTOR SERVICE FACTOR 100.0 98.4 84.2
13. REACTOR AVAILABILITY FACTOR 100.0 100.0 90.8
14. UNIT SERVICE FACTOR 100.0 98.0 83.5
15. UNIT AVAILABILITY FACTOR 100.0 98.0 83.5
16. UNIT CAPACITY FACTOR (USING MDC) 95.4 91.5 76.0
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) 95.4 91.5 76.0
18. UNIT FORCED OUTAGE RATE 0.0 0.0 6.3
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):  
Third refueling outage (2RF03) scheduled to begin on October 25, 1997 with and estimated duration of 35 days.
20. IF SHUTDOWN AT END OF REPORTING PERIOD, ESTIMATED DATE OF STARTUP:
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): ACHIEVED

COMMERCIAL OPERATION 930803

\* ESTIMATED

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 8/ 7/97  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: JULY 1997

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|
| 1   | 1099                                   |
| 2   | 1103                                   |
| 3   | 1104                                   |
| 4   | 1103                                   |
| 5   | 1104                                   |
| 6   | 1105                                   |
| 7   | 1105                                   |
| 8   | 1104                                   |
| 9   | 1103                                   |
| 10  | 1106                                   |
| 11  | 1104                                   |
| 12  | 1104                                   |
| 13  | 1104                                   |
| 14  | 1106                                   |
| 15  | 1103                                   |
| 16  | 1101                                   |

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|
| 17  | 1100                                   |
| 18  | 1084                                   |
| 19  | 1016                                   |
| 20  | 1098                                   |
| 21  | 1097                                   |
| 22  | 1097                                   |
| 23  | 1097                                   |
| 24  | 1096                                   |
| 25  | 1095                                   |
| 26  | 1097                                   |
| 27  | 1094                                   |
| 28  | 1094                                   |
| 29  | 1093                                   |
| 30  | 1093                                   |
| 31  | 1094                                   |

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 8/ 7/97  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: JULY 1997

| DAY   | TIME | REMARK/MODE                         |
|-------|------|-------------------------------------|
| 07/01 | 0000 | Unit began the month at 100% power. |
| 07/31 | 2400 | Unit ended the month at 100% power. |



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 8/ 7/97  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

REPORT MONTH: JULY 1997

| NO | DATE | TYPE<br>F:FORCED<br>S:SCHEDULED | DURATION<br>(HOURS) | REASON | METHOD OF<br>SHUTTING DOWN<br>THE REACTOR OR<br>REDUCING POWER | CORRECTIVE ACTIONS/COMMENTS |
|----|------|---------------------------------|---------------------|--------|--|-----------------------------|
|    |      |                                 |                     |        |  | None                        |

1) 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)

2) METHOD

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