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April 13, 2000

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 MARCH 2000**

Gentlemen:

Attached is the Monthly Operating Report for March 2000, prepared and submitted pursuant to Technical Specification 5.6.4 contained in Appendix A to the CPSES 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 or Safety Valves for CPSES Unit 1 and Unit 2.

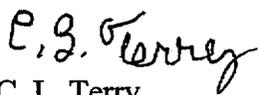
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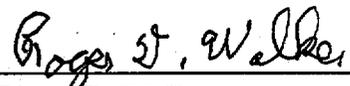
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Page 2 of 2

This communication contains no new licensing basis commitments regarding CPSES Units 1 and 2. Should you have any questions, please contact Douglas W. Snow at (254) 897-8448.

Sincerely,

  
C. L. Terry

By:   
Roger D. Walker  
Regulatory Affairs Manager

DWS/dws  
Attachment

c - Mr. E. W. Merschoff, Region IV  
Mr. J. I. Tapia, Region IV  
Mr. D. H. Jaffe, NRR  
Resident Inspectors

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 04/17/2000  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: MARCH 2000 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        | 2,184      | 72,785      |
| 6 REACTOR RESERVE SHUTDOWN HOURS           | 0          | 0          | 2,632       |
| 7 HOURS GENERATOR ON LINE                  | 744        | 2,184      | 72,065      |
| 8 UNIT RESERVE SHUTDOWN HOURS              | 0          | 0          | 0           |
| 9 GROSS THERMAL ENERGY GENERATED (MWH)     | 2,535,722  | 7,439,885  | 237,411,739 |
| 10 GROSS ELECTRICAL ENERGY GENERATED (MWH) | 856,664    | 2,516,324  | 79,439,432  |
| 11 NET ELECTRICAL ENERGY GENERATED (MWH)   | 822,753    | 2,417,091  | 75,926,881  |
| 12 REACTOR SERVICE FACTOR                  | 100.0      | 100.0      | 86.2        |
| 13 REACTOR AVAILABILITY FACTOR             | 100.0      | 100.0      | 89.3        |
| 14 UNIT SERVICE FACTOR                     | 100.0      | 100.0      | 85.3        |
| 15 UNIT AVAILABILITY FACTOR                | 100.0      | 100.0      | 85.3        |
| 16 UNIT CAPACITY FACTOR (USING MDC)        | 96.2       | 96.2       | 78.2        |
| 17 UNIT CAPACITY FACTOR (USING DESIGN MWe) | 96.2       | 96.2       | 78.2        |
| 18 UNIT FORCED OUTAGE RATE                 | 0.0        | 0.0        | 3.2         |

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: 04/17/2000  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: MARCH 2000

AVERAGE DAILY POWER LEVEL

| DAY | MWe-Net |
|-----|---------|
| 1   | 1108    |
| 2   | 1111    |
| 3   | 1109    |
| 4   | 1109    |
| 5   | 1109    |
| 6   | 1109    |
| 7   | 1109    |
| 8   | 1108    |
| 9   | 1108    |
| 10  | 1107    |
| 11  | 1108    |
| 12  | 1109    |
| 13  | 1108    |
| 14  | 1108    |
| 15  | 1107    |
| 16  | 1107    |

AVERAGE DAILY POWER LEVEL

| DAY | MWe-Net |
|-----|---------|
| 17  | 1108    |
| 18  | 1108    |
| 19  | 1108    |
| 20  | 1108    |
| 21  | 1108    |
| 22  | 1109    |
| 23  | 1108    |
| 24  | 1109    |
| 25  | 1108    |
| 26  | 1109    |
| 27  | 1108    |
| 28  | 1107    |
| 29  | 1106    |
| 30  | 1106    |
| 31  | 1105    |

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 04/17/2000  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: MARCH 2000

| DAY   | TIME | REMARK/MODE                         |
|-------|------|-------------------------------------|
| 03/01 | 0000 | Unit began the month at 100% power. |
| 03/31 | 2400 | Unit ended the month at 100% power  |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445  
 UNIT: CPSES 1  
 DATE: 04/17/2000  
 COMPLETED BY: Bob Reible  
 TELEPHONE: 254-897-0449

REPORT MONTH: MARCH 2000

| 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 ACTION/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)

\* INDICATES SHUTDOWN HOURS/OTHERWISE "NA" FOR NOT APPLICABLE

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 04/17/2000  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: FEBRUARY 2000 GROSS HOURS IN REPORTING PERIOD: 744  
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3445\*\* 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        | 2,184      | 50,991      |
| 6 REACTOR RESERVE SHUTDOWN HOURS           | 0          | 0          | 2,366       |
| 7 HOURS GENERATOR ON LINE                  | 744        | 2,184      | 50,614      |
| 8 UNIT RESERVE SHUTDOWN HOURS              | 0          | 0          | 0           |
| 9 GROSS THERMAL ENERGY GENERATED (MWH)     | 2,559,137  | 7,513,265  | 166,092,047 |
| 10 GROSS ELECTRICAL ENERGY GENERATED (MWH) | 880,396    | 2,585,309  | 56,237,762  |
| 11 NET ELECTRICAL ENERGY GENERATED (MWH)   | 847,848    | 2,490,144  | 53,882,245  |
| 12 REACTOR SERVICE FACTOR                  | 100.0      | 100.0      | 87.3        |
| 13 REACTOR AVAILABILITY FACTOR             | 100.0      | 100.0      | 91.4        |
| 14 UNIT SERVICE FACTOR                     | 100.0      | 100.0      | 86.7        |
| 15 UNIT AVAILABILITY FACTOR                | 100.0      | 100.0      | 86.7        |
| 16 UNIT CAPACITY FACTOR (USING MDC)        | 99.1       | 99.1       | 80.3        |
| 17 UNIT CAPACITY FACTOR (USING DESIGN MWe) | 99.1       | 99.1       | 80.3        |
| 18 UNIT FORCED OUTAGE RATE                 | 0.0        | 0.0        | 3.9         |

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

930803

\*ESTIMATED

\*\*Tech Spec Amendment 72 and TRM Rev. 33 for the 1% uprate

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 04/17/2000  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: MARCH 2000

AVERAGE DAILY POWER LEVEL

| DAY | MWe-Net |
|-----|---------|
| 1   | 1135    |
| 2   | 1141    |
| 3   | 1141    |
| 4   | 1140    |
| 5   | 1142    |
| 6   | 1141    |
| 7   | 1141    |
| 8   | 1140    |
| 9   | 1140    |
| 10  | 1140    |
| 11  | 1140    |
| 12  | 1139    |
| 13  | 1140    |
| 14  | 1140    |
| 15  | 1141    |
| 16  | 1141    |

AVERAGE DAILY POWER LEVEL

| DAY | MWe-Net |
|-----|---------|
| 17  | 1141    |
| 18  | 1142    |
| 19  | 1141    |
| 20  | 1141    |
| 21  | 1141    |
| 22  | 1141    |
| 23  | 1141    |
| 24  | 1141    |
| 25  | 1140    |
| 26  | 1140    |
| 27  | 1138    |
| 28  | 1138    |
| 29  | 1138    |
| 30  | 1138    |
| 31  | 1122    |

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 04/17/2000  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: MARCH 2000

| DAY   | TIME | REMARK/MODE  |
|-------|------|--|
| 03/01 | 0000 | Unit began the month at 100% power.  |
| 03/31 | 2400 | Unit ended the month at 75% power. Downpower for routine turbine stop and control valve testing. |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446  
 UNIT: CPSES 2  
 DATE: 04/17/2000  
 COMPLETED BY: Bob Reible  
 TELEPHONE: 254-897-0449

REPORT MONTH: MARCH 2000

| 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 ACTION/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)

\* INDICATES SHUTDOWN HOURS/OTHERWISE "NA" FOR NOT APPLICABLE