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June 10, 1999

**C. Lance Terry**  
*Senior Vice President  
& Principal Nuclear Officer*

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

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)  
DOCKET NOS. 50-445 AND 50-446  
MONTHLY OPERATING REPORT FOR MAY 1999

Attached is the Monthly Operating Report for May, 1999, prepared and submitted pursuant to Technical Specification 6.9.1.5 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.

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*  
C. L. Terry

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

DWS/dws  
Attachment

160003

1/1  
Terry

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

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PDR ADOCK 05000445  
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COMANCHE PEAK STEAM ELECTRIC STATION, UNIT

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 6/10/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: MAY 1999 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	3,623	66,258
6 REACTOR RESERVE SHUTDOWN HOURS	0	0	2,632
7 HOURS GENERATOR ON LINE	744	3,623	65,582
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,531,244	12,336,839	215,577,283
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	852,103	4,164,079	72,114,556
11 NET ELECTRICAL ENERGY GENERATED (MWH)	817,233	4,000,192	68,908,467
12 REACTOR SERVICE FACTOR	100.0	100.0	85.9
13 REACTOR AVAILABILITY FACTOR	100.0	100.0	89.3
14 UNIT SERVICE FACTOR	100.0	100.0	85.0
15 UNIT AVAILABILITY FACTOR	100.0	100.0	85.0
16 UNIT CAPACITY FACTOR (USING MDC)	95.5	96.0	77.7
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	95.5	96.0	77.7
18 UNIT FORCED OUTAGE RATE	0.0	0.0	3.5

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):  
Next Scheduled outage 09/25/99

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: 6/10/99  
COMPLETED BY: Bcb Reible  
TELEPHONE: 254-897-0449

MONTH: MAY 1999

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1105	17	1099
2	1105	18	1101
3	1105	19	1101
4	1104	20	1100
5	1104	21	1064
6	1105	22	1087
7	1105	23	1098
8	1104	24	1098
9	1103	25	1097
10	1103	26	1097
11	1103	27	1097
12	1103	28	1097
13	1102	29	1097
14	1100	30	1096
15	1101	31	1069
16	1100		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 6/10/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: MAY 1999

DAY	TIME	REMARK/MODE
05/01	0000	Unit began the month at 100% power.
05/31	2400	Unit ended the month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445  
 UNIT: CPSES 1  
 DATE: 6/10/99  
 COMPLETED BY: Bob Reible  
 TELEPHONE: 254-897-0449

REPORT MONTH: MAY 1999

NO	DATE	TYPE	DURATION*	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
		F: FORCED S: SCHEDULED	(HOURS)			

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: 6/10/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: MAY 1999 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	CUMULATIVE
5 NUMBER OF HOURS REACTOR WAS CRITICAL	744	2,821	43,670
6 REACTOR RESERVE SHUTDOWN HOURS	0	40	2,366
7 HOURS GENERATOR ON LINE	744	2,763	43,293
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,536,164	9,149,729	141,016,742
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	871,734	3,118,466	47,653,199
11 NET ELECTRICAL ENERGY GENERATED (MWH)	838,930	2,984,476	45,620,553
12 REACTOR SERVICE FACTOR	100.0	77.9	85.5
13 REACTOR AVAILABILITY FACTOR	100.0	79.0	90.2
14 UNIT SERVICE FACTOR	100.0	76.3	84.8
15 UNIT AVAILABILITY FACTOR	100.0	76.3	84.8
16 UNIT CAPACITY FACTOR (USING MDC)	98.1	71.6	77.7
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	98.1	71.6	77.7
18 UNIT FORCED OUTAGE RATE	0.0	1.9	4.5

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):  
Next refueling outage is scheduled for the fall of 2000 (2RF05)

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.: 50-446  
UNIT: CPSES 2  
DATE: 6/10/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: MAY 1999

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1131	17	1128
2	1131	18	1128
3	1131	19	1127
4	1130	20	1127
5	1130	21	1127
6	1130	22	1129
7	1130	23	1126
8	1130	24	1125
9	1130	25	1125
10	1129	26	1125
11	1129	27	1124
12	1128	28	1125
13	1128	29	1124
14	1127	30	1124
15	1128	31	1123
16	1128		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 6/10/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: MAY 1999

DAY	TIME	REMARK/MODE
05/01	0000	Unit began the month at 100% power.
05/31	2400	Unit ended the month at 100% power.



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446  
 UNIT: CPSES 2  
 DATE: 6/10/99  
 COMPLETED BY: Bob Reible  
 TELEPHONE: 254-897-0449

REPORT MONTH: MAY 1999

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/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)
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2) METHOD

- 1: MANUAL
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\* INDICATES SHUTDOWN HOURS/OTHERWISE "NA" FOR NOT APPLICABLE