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Senior Vice President & Principal Nuclear Officer

Ref: #10CFR50.36

CPSES-200100096
Log # TXX-01008
File # 10010.2 (RP-84)

January 17, 2001

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 DECEMBER 2000**

Gentlemen:

Attached is the Monthly Operating Report for December 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.

TE24

CPSES-200100096

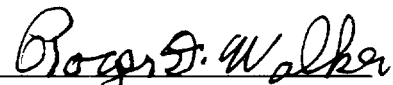
TXX-01008

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
Senior Vice President &
Principal Nuclear Officer

By: 
Roger D. Walker
Regulatory Affairs Manager

DWS/dws
Attachment

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

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT
 NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445
 UNIT: CPSES 1
 DATE: 01/15/2001
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: DECEMBER 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	8,784	79,385
6 REACTOR RESERVE SHUTDOWN HOURS	0	0	2,632
7 HOURS GENERATOR ON LINE	744	8,784	78,665
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,519,062	29,828,102	259,799,957
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	851,228	10,017,003	86,940,111
11 NET ELECTRICAL ENERGY GENERATED (MWH)	818,658	9,619,797	83,129,587
12 REACTOR SERVICE FACTOR	100.0	100.0	87.2
13 REACTOR AVAILABILITY FACTOR	100.0	100.0	90.1
14 UNIT SERVICE FACTOR	100.0	100.0	86.4
15 UNIT AVAILABILITY FACTOR	100.0	100.0	86.4
16 UNIT CAPACITY FACTOR (USING MDC)	95.7	95.2	79.4
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	95.7	95.2	79.4
18 UNIT FORCED OUTAGE RATE	0.0	0.0	2.9

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

900813

*ESTIMATED

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 01/15/2001
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: DECEMBER 2000

AVERAGE DAILY POWER LEVEL	
DAY	MWe-Net
1	1108
2	1108
3	1108
4	1110
5	1108
6	1109
7	1109
8	1109
9	1108
10	1110
11	1109
12	1109
13	1109
14	1110
15	1092
16	849

AVERAGE DAILY POWER LEVEL	
DAY	MWe-Net
17	1108
18	1108
19	1109
20	1108
21	1119
22	1110
23	1110
24	1111
25	1111
26	1110
27	1111
28	1110
29	1110
30	1110
31	1111

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 01/15/2001
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: DECEMBER 2000

DAY	TIME	REMARK/MODE
12/01	0000	Unit began the month at 100% power.
12/15	2100	Commenced downpower for routine turbine stop and control valve testing and for planned maintenance on Feedwater Heater 1A to repair a steam leak.
12/16	0007	Unit at 875 Mwe for turbine stop and control valve testing. Work began on Feedwater Heater 1A steam leak
	2025	Testing and repairs complete, begin ramp to 100% power.
12/17	0045	Unit returned to 100% power
12/31	2400	Unit ended month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445
 UNIT: CPSES 1
 DATE: 01/15/2001
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

REPORT MONTH: DECEMBER 2000

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
3	001215	S		B	4	A 2100 on December 15, 2000 the unit was downpowered for routine stop valve testing and planned maintenance on Feedwater Heater 1A to repair a steam leak. The testing and repairs were completed and the unit returned to power on 12/17/2000.

1) REASON

A: EQUIPMENT FAILURE (EXPLAIN) E: OPERATOR TRAINING AND LICENSE EXAMINATION
 B: MAINT OR TEST F: ADMINISTRATIVE
 C: REFUELING G: OPERATIONAL ERROR (EXPLAIN)
 D: REGULATORY RESTRICTION 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: 01/15/2001
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: DECEMBER 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	744.0	7,955.0	56,763
6 REACTOR RESERVE SHUTDOWN HOURS	0	0	2,366
7 HOURS GENERATOR ON LINE	744.0	7,928.0	56,358
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,560,104	26,983,222	185,562,004
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	881,194	9,228,777	62,881,230
11 NET ELECTRICAL ENERGY GENERATED (MWH)	849,034	8,868,045	60,260,146
12 REACTOR SERVICE FACTOR	100.0	90.6	87.3
13 REACTOR AVAILABILITY FACTOR	100.0	90.6	91.0
14 UNIT SERVICE FACTOR	100.0	90.3	86.7
15 UNIT AVAILABILITY FACTOR	100.0	90.3	86.7
16 UNIT CAPACITY FACTOR (USING MDC)	99.2	87.8	80.6
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	99.2	87.8	80.6
18 UNIT FORCED OUTAGE RATE	0.0	0.0	3.5

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: 11/04/2000

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: 01/15/2001
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: DECEMBER 2000

AVERAGE DAILY POWER LEVEL

DAY	Mwe-Net
1	1144
2	1142
3	1142
4	1143
5	1144
6	1143
7	1143
8	1143
9	1141
10	1141
11	1141
12	1140
13	1142
14	1141
15	1141
16	1145

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
17	1141
18	1141
19	1126
20	1141
21	1137
22	1141
23	1141
24	1144
25	1141
26	1140
27	1143
28	1142
29	1141
30	1142
31	1141

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 01/15/2001
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: DECEMBER 2000

DAY	TIME	REMARK/MODE
12/01	0000	Unit began the month at 100% power
12/31	2400	Unit ended the month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446
 UNIT: CPSES 2
 DATE: 01/15/2001
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

REPORT MONTH: DECEMBER 2000

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR 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