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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.

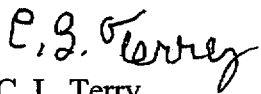
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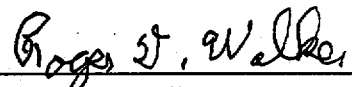
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This communication contains no new licensing basis commitments regarding CPSES Units 1 and 2. Should you have any questions, please contact Douglas W. Snow at (254) 897-8448.

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	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
		F: FORCED S: SCHEDULED				
		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 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) 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