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January 14, 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 DECEMBER 1999

Gentlemen:

Attached is the Monthly Operating Report for December 1999, 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 .

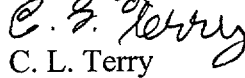
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This communication contains no new licensing basis commitments regarding CPSES Units 1 and 2. Should you have any questions, please contact Douglas W. Snow at (254) 897-8448.

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: 01/14/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: DECEMBER 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	7,966	70,601
6 REACTOR RESERVE SHUTDOWN HOURS	0	0	2,632
7 HOURS GENERATOR ON LINE	744	7,922	69,881
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,536,711	26,731,411	229,971,855
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	858,619	8,972,631	76,923,108
11 NET ELECTRICAL ENERGY GENERATED (MWH)	828,011	8,601,515	73,509,790
12 REACTOR SERVICE FACTOR	100.0	90.9	85.8
13 REACTOR AVAILABILITY FACTOR	100.0	90.9	89.0
14 UNIT SERVICE FACTOR	100.0	90.4	84.9
15 UNIT AVAILABILITY FACTOR	100.0	90.4	84.9
16 UNIT CAPACITY FACTOR (USING MDC)	96.8	85.4	77.7
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	96.8	85.4	77.7
18 UNIT FORCED OUTAGE RATE	0.0	0.0	3.3

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: 01/14/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: DECEMBER 1999

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	1108
2	1108
3	1108
4	1108
5	1108
6	1109
7	1108
8	1108
9	1108
10	1108
11	1109
12	1110
13	1113
14	1116
15	1117
16	1117

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
17	1117
18	1117
19	1116
20	1116
21	1116
22	1116
23	1116
24	1116
25	1115
26	1116
27	1115
28	1115
29	1115
30	1115
31	1116

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 01/14/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: DECEMBER 1999

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445
 UNIT: CPSES 1
 DATE: 01/14/2000
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

REPORT MONTH: DECEMBER 1999

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: 01/14/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: DECEMBER 1999 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	7,958	48,807
6 REACTOR RESERVE SHUTDOWN HOURS	0	40	2,366
7 HOURS GENERATOR ON LINE	744	7,900	48,430
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,561,650	26,711,769	158,578,782
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	881,876	9,117,720	53,652,453
11 NET ELECTRICAL ENERGY GENERATED (MWH)	851,969	8,756,024	51,392,101
12 REACTOR SERVICE FACTOR	100.0	90.8	86.8
13 REACTOR AVAILABILITY FACTOR	100.0	91.3	91.1
14 UNIT SERVICE FACTOR	100.0	90.2	86.2
15 UNIT AVAILABILITY FACTOR	100.0	90.2	86.2
16 UNIT CAPACITY FACTOR (USING MDC)	99.6	86.9	79.5
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	99.6	86.9	79.5
18 UNIT FORCED OUTAGE RATE	0.0	0.7	4.0

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: 01/14/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: DECEMBER 1999

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	1141
2	1142
3	1141
4	1141
5	1141
6	1141
7	1141
8	1141
9	1142
10	1142
11	1141
12	1140
13	1144
14	1146
15	1147
16	1148

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
17	1148
18	1148
19	1148
20	1148
21	1148
22	1148
23	1148
24	1148
25	1148
26	1148
27	1148
28	1147
29	1148
30	1148
31	

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 01/14/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: DECEMBER 1999

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: 01/14/2000
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

REPORT MONTH: DECEMBER 1999

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