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December 15, 1999

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 NOVEMBER 1999**

Gentlemen:

Attached is the Monthly Operating Report for November, 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 .

*JE24*

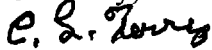
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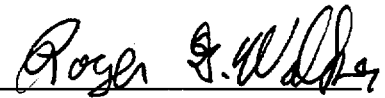
This communication contains no new licensing basis commitments regarding CPSES Units 1 and 2. Should you have any questions, please contact Douglas W. Snow at (254) 897-8448.

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: 12/15/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: NOVEMBER 1999 GROSS HOURS IN REPORTING PERIOD: 720
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	720	7,222	69,857
6 REACTOR RESERVE SHUTDOWN HOURS	0	0	2,632
7 HOURS GENERATOR ON LINE	720	7,178	69,137
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,402,258	24,194,699	227,435,143
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	811,807	8,114,012	76,064,489
11 NET ELECTRICAL ENERGY GENERATED (MWH)	764,529	7,773,504	72,681,779
12 REACTOR SERVICE FACTOR	100.0	90.1	85.7
13 REACTOR AVAILABILITY FACTOR	100.0	90.1	88.8
14 UNIT SERVICE FACTOR	100.0	89.5	84.8
15 UNIT AVAILABILITY FACTOR	100.0	89.5	84.8
16 UNIT CAPACITY FACTOR (USING MDC)	92.3	84.3	77.5
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	92.3	84.3	77.5
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: 12/15/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: NOVEMBER 1999

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	792
2	856
3	883
4	1094
5	1111
6	1111
7	1111
8	1110
9	1109
10	1110
11	1110
12	1109
13	1109
14	1107
15	1108
16	1107

AVERAGE DAILY POWER LEVEL

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

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 12/15/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: NOVEMBER 1999

DAY	TIME	REMARK/MODE
11/01	0000	Unit began month at 73% power, after the completion of 1RF07 refueling outage.
11/04	0805	Unit returned to 100% power.
11/30	2400	Unit ended the month at 100% power

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445  
 UNIT: CPSES 1  
 DATE: 12/15/99  
 COMPLETED BY: Bob Reible  
 TELEPHONE: 254-897-0449

REPORT MONTH: NOVEMBER 1999

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
2b	991101	S		H	4	The unit began the month at 73% power ramping to 100% power after completion of 1RF07 refueling outage at 2327 on October 29, 1999. The unit returned to 100% power at 0805 on November 4, 1999. (See previous page for additional details)

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: 12/15/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: NOVEMBER 1999 GROSS HOURS IN REPORTING PERIOD: 720
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	720	7,214	48,063
6 REACTOR RESERVE SHUTDOWN HOURS	0	40	2,366
7 HOURS GENERATOR ON LINE	720	7,156	47,686
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,478,919	24,150,120	156,017,132
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	853,808	8,235,844	52,770,577
11 NET ELECTRICAL ENERGY GENERATED (MWH)	814,128	7,904,055	50,540,132
12 REACTOR SERVICE FACTOR	100.0	90.0	86.7
13 REACTOR AVAILABILITY FACTOR	100.0	90.5	90.9
14 UNIT SERVICE FACTOR	100.0	89.3	86.0
15 UNIT AVAILABILITY FACTOR	100.0	89.3	86.0
16 UNIT CAPACITY FACTOR (USING MDC)	98.3	85.7	79.2
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	98.3	85.7	79.2
18 UNIT FORCED OUTAGE RATE	0.0	0.7	4.1

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: 12/15/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: NOVEMBER 1999

AVERAGE DAILY POWER LEVEL

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

AVERAGE DAILY POWER LEVEL

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



SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 12/15/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: NOVEMBER 1999

DAY	TIME	REMARK/MODE
11/01	0000	Unit began the month at 100% power.
11/30	2400	Unit ended the month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446  
 UNIT: CPSES 2  
 DATE: 12/15/99  
 COMPLETED BY: Bob Reible  
 TELEPHONE: 254-897-0449

REPORT MONTH: NOVEMBER 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
- C: REFUELING
- D: REGULATORY RESTRICTION
- E: OPERATOR TRAINING AND LICENSE EXAMINATION
- F: ADMINISTRATIVE
- G: OPERATIONAL ERROR (EXPLAIN)
- H: OTHER (EXPLAIN)

2) METHOD

- 1: MANUAL
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- 3: AUTOMATIC SCRAM
- 4: OTHER (EXPLAIN)

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