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**TU**ELECTRIC

January 15, 1996

C. Lance Terry  
Group Vice President

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

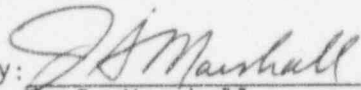
SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES) - UNITS 1 AND 2  
DOCKET NOS. 50-445 AND 50-446  
MONTHLY OPERATING REPORT FOR DECEMBER 1995

Gentlemen:

Attached is the Monthly Operating Report for December 1995, prepared and submitted pursuant to Technical Specification 6.9.1.5 contained in Appendix A to the Comanche Peak Steam Electric Station Units 1 and 2, Operating License Nos. NPF-87 and NPF-89, respectively. Should you have any questions, please contact Jacob M. Kulangara at (214)812-8818.

Sincerely,

C. L. Terry

By:   
J. S. Marshall  
Generic Licensing Manager

JMK/jmk  
Attachment

c - Mr. L. J. Callan, Region IV  
Mr. W. D. Johnson, Region IV  
Resident Inspector, CPSES (1)  
Mr. T. J. Polich, NRR

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COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1  
NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 1/ 9/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

## OPERATING STATUS

1. REPORTING PERIOD:	DECEMBER 1995	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	7,539
			38,752
6. REACTOR RESERVE SHUTDOWN HOURS		0	164
			2,604
7. HOURS GENERATOR ON LINE		744	7,443
			38,189
8. UNIT RESERVE SHUTDOWN HOURS		0	0
			0
9. GROSS THERMAL ENERGY GENERATED (MWH)		2,411,782	24,490,147
			123,425,253
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)		811,676	8,169,576
			41,066,203
11. NET ELECTRICAL ENERGY GENERATED (MWH)		778,049	7,803,746
			39,167,193
12. REACTOR SERVICE FACTOR		100.0	86.1
			82.1
13. REACTOR AVAILABILITY FACTOR		100.0	87.9
			87.6
14. UNIT SERVICE FACTOR		100.0	85.0
			80.9
15. UNIT AVAILABILITY FACTOR		100.0	85.0
			80.9
16. UNIT CAPACITY FACTOR (USING MDC)		90.9	77.5
			72.2
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)		90.9	77.5
			72.2
18. UNIT FORCED OUTAGE RATE		0.0	3.1
			4.5
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:			
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: 1/ 9/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

MONTH: DECEMBER 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	979	17	1113
2	491	18	1109
3	523	19	1108
4	552	20	1108
5	1048	21	1108
6	1109	22	1107
7	1108	23	1107
8	1108	24	1107
9	1107	25	1107
10	1109	26	1107
11	1109	27	1108
12	1109	28	1109
13	1110	29	1110
14	1110	30	1110
15	1109	31	1111
16	1109		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 1/ 9/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

MONTH: DECEMBER 1995

DAY	TIME	REMARK/MODE
12/01	0000	Unit started month in MODE 1 at 100% power.
	1300	Unit power level reduced to 53% to troubleshoot Main Feedwater Pump 1A vibrations.
12/04	1930	Main Feedwater Pump 1A bearings replaced; initiated power ascension.
12/05	1121	Unit returned to 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: 1/ 9/96  
 COMPLETED BY: Bob Reible  
 TELEPHONE: 817-897-0449

REPORT MONTH: DECEMBER 1995

NO	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F:FORCED	S:SCHEDULED				
11	951201	F			A	4	Reduction in power required to troubleshoot MFWP-1A vibrations. Replaced MFWP-1A bearings. See previous page.

1) REASON

2) METHOD

- 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)

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

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 2  
NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 1/ 9/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

## OPERATING STATUS

1. REPORTING PERIOD:	DECEMBER 1995	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		669	8,427
6. REACTOR RESERVE SHUTDOWN HOURS		75	75
7. HOURS GENERATOR ON LINE		663	8,382
8. UNIT RESERVE SHUTDOWN HOURS		0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)		2,115,914	28,262,985
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)		717,201	9,548,566
11. NET ELECTRICAL ENERGY GENERATED (MWH)		685,402	9,163,402
12. REACTOR SERVICE FACTOR		89.9	96.2
13. REACTOR AVAILABILITY FACTOR		100.0	97.0
14. UNIT SERVICE FACTOR		89.1	95.7
15. UNIT AVAILABILITY FACTOR		89.1	95.7
16. UNIT CAPACITY FACTOR (USING MDC)		80.1	91.0
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)		80.1	91.0
18. UNIT FORCED OUTAGE RATE		10.9	1.6
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
Refueling Outage scheduled to begin February 22, 1996 with an estimated duration of 42 days.			
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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 1/ 9/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

MONTH: DECEMBER 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1119	17	1125
2	1120	18	1122
3	1120	19	1121
4	1120	20	1122
5	609	21	1121
6	0	22	1121
7	0	23	1123
8	0	24	1123
9	344	25	1123
10	436	26	1123
11	576	27	1123
12	917	28	1124
13	1112	29	1124
14	1113	30	1125
15	1120	31	1124
16	1120		



SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 1/ 9/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

MONTH: DECEMBER 1995

DAY	TIME	REMARK/MODE
12/01	0000	Unit started month at 100% Power.
12/05	1311	Reactor Tripped on a Steam Generator 2-03 Lo-Lo Level due to Main Feedwater Pump 2A speed oscillations.
12/08	1528	Repairs completed to Main Feedwater Pump 2A speed controller; unit entered MODE 2.
	1607	Reactor Critical.
	2200	Entered MODE 1.
	2211	Unit synchronized to the grid; began power ascension.
12/09	1028	Unit held at 47% power to complete repairs on Main Feedwater Pump 2B speed controller.
12/12	0000	Resumed power ascension.
	1800	Unit at 100% power.
12/31	2400	Unit ended month at 100% power.



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 1/ 9/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

REPORT MONTH: DECEMBER 1995

NO	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F:FORCED	S:SCHEDULED				
6	951205	F		81.0	A	3	Reactor Tripped due to Lo-Lo level on steam generator 2-03. See previous page. Reference LER 2-95-004-00.
7	951209	F			A	4	Held reactor power at 47% to complete repair on Main Feedwater Pump 2B speed controller.

1) REASON

2) METHOD

- 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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- 1: MANUAL
- 2: MANUAL SCRAM
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