



**TXU Electric**  
**Comanche Peak**  
**Steam Electric Station**  
P.O. Box 1002  
Glen Rose, TX 76043  
Tel: 254 897 8920  
Fax: 254 897 6652  
lterry1@txu.com

**C. Lance Terry**  
Senior Vice President & Principal Nuclear Officer

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November 17, 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 OCTOBER 1999**

Gentlemen:

Attached is the Monthly Operating Report for October, 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 .

IE24

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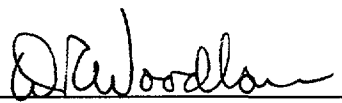
TXX-99264

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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:   
Donald R. Woodlan  
Docket Licensing 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: 11/19/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: OCTOBER 1999 GROSS HOURS IN REPORTING PERIOD: 745
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	94	6,502	69,137
6 REACTOR RESERVE SHUTDOWN HOURS	0	0	2,632
7 HOURS GENERATOR ON LINE	50	6,458	68,417
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	50,297	21,792,441	225,032,885
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	14,818	7,302,205	75,252,682
11 NET ELECTRICAL ENERGY GENERATED (MWH)	12,754	7,008,975	71,917,250
12 REACTOR SERVICE FACTOR	12.7	89.1	85.6
13 REACTOR AVAILABILITY FACTOR	12.7	89.1	88.8
14 UNIT SERVICE FACTOR	6.7	88.5	84.7
15 UNIT AVAILABILITY FACTOR	6.7	88.5	84.7
16 UNIT CAPACITY FACTOR (USING MDC)	1.5	83.5	77.4
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	1.5	83.5	77.4
18 UNIT FORCED OUTAGE RATE	2.0	0.02	3.4

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):  
Next refueling outage scheduled for 03/24/2001 with an approximate duration of 38 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

900813

\*ESTIMATED

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 11/19/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: OCTOBER 1999

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	15
30	223
31	301

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 11/19/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: OCTOBER 1999

DAY	TIME	REMARK/MODE
10/01	0000	Unit in Mode 6, 0% power with the seventh refueling outage in progress.
10/03	2338	Exit Mode 6. Core Offload Window begins. No Mode
10/16	0830	Unit entered Mode 6.
10/22	1425	Unit entered Mode 5.
10/26	0357	Unit entered Mode 4.
10/27	0628	Unit entered Mode 3.
10/28	0021	Unit entered Mode 2.
	0232	Reactor Critical.
10/29	1950	Unit entered Mode 1.
	2159	Sync to the grid. Ending 1RF07 refueling outage.
	2225	Manual turbine trip due to high primary temperature due to cooler outlet isolation valve being closed (1TW-0099)
	2327	Valve repositioned and the unit sync to the grid. Begin ramp to 100% power.
10/31	0200	Set clocks back to 0100. End Daylight Saving Time.
	2400	Unit ended the month at 73% power, ramping to 100%.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445  
 UNIT: CPSES 1  
 DATE: 11/19/99  
 COMPLETED BY: Bob Reible  
 TELEPHONE: 254-897-0449

REPORT MONTH: OCTOBER 1999

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
2a	991001	S	693.98	C	4	Continuation of 1RF07 refueling outage. The refueling outage was completed and the unit sync to the grid at 2159 on 10/29/99. (See previous page for additional information)
3	991029	F	1.03	H	4	At 2225, on October 29, 1999, the turbine was manually tripped due to high primary water temperature which was the result of a cooler outlet isolation valve being closed. The valve was re-positioned and the unit was synced to the grid at 2327 on October 29, 1999 and began the ramp to full power. (See previous page for additional information)

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: 11/19/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: OCTOBER 1999 GROSS HOURS IN REPORTING PERIOD: 745
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	745	6,494	47,343
6 REACTOR RESERVE SHUTDOWN HOURS	0	40	2,366
7 HOURS GENERATOR ON LINE	745	6,436	46,966
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,551,356	21,671,201	153,538,213
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	876,830	7,382,036	51,916,769
11 NET ELECTRICAL ENERGY GENERATED (MWH)	846,260	7,089,927	49,726,004
12 REACTOR SERVICE FACTOR	100.0	89.0	86.5
13 REACTOR AVAILABILITY FACTOR	100.0	89.6	90.8
14 UNIT SERVICE FACTOR	100.0	88.2	85.8
15 UNIT AVAILABILITY FACTOR	100.0	88.2	85.8
16 UNIT CAPACITY FACTOR (USING MDC)	98.8	84.5	79.0
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	98.8	84.5	79.0
18 UNIT FORCED OUTAGE RATE	0.0	0.8	4.1

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):  
Next refueling outage (2RF05) is scheduled for the 09/30/2000 with an approximate duration of 35 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

\*\*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: 11/19/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: OCTOBER 1999

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	1126
2	1128
3	1128
4	1127
5	1128
6	1128
7	1127
8	1130
9	1129
10	1129
11	1130
12	1141
13	1141
14	1140
15	1126
16	1086

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
17	1141
18	1144
19	1144
20	1144
21	1144
22	1144
23	1143
24	1147
25	1144
26	1144
27	1146
28	1145
29	1145
30	1146
31	1147



SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 11/19/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: OCTOBER 1999

DAY	TIME	REMARK/MODE
10/01	0000	Unit began the month at 100% power.
10/07	1330	Placed into affect Tech Spec Amendment 72 and TRM Rev. 33 for the 1% uprate.
	1516	Adjusted all NIS & N16 channels down approximately 1% for Tech Spec change.
10/11	1823	Unit at 99% power. 1169 MWe (Gross)
	2240	Power Ramp to 100% complete, 1181 MWe (Gross)
10/31	0200	Set clocks back to 0100. End Daylight Saving Time.
	2400	Unit ended the month at 100% power.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446  
 UNIT: CPSES 2  
 DATE: 11/19/99  
 COMPLETED BY: Bob Reible  
 TELEPHONE: 254-897-0449

REPORT MONTH: OCTOBER 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)    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