



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

Ref: #10CFR50.36

CPSES-200300811  
Log # TXX-03073  
File # 10010.2 (RP-84)

April 15, 2003

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 2003**

Gentlemen:

Attached is the Monthly Operating Report for March 2003, 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.

A member of the **STARS** (Strategic Teaming and Resource Sharing) Alliance

Callaway • Comanche Peak • Diablo Canyon • Palo Verde • South Texas Project • Wolf Creek

IE24

TXX-03073

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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,

TXU Generation Company LP

By: TXU Generation Management Company LLC  
Its General Partner

C. L. Terry  
Senior Vice President and Principal Nuclear Officer

By: 

James J. Kelley, Jr.  
Vice President Nuclear Engineering & Support

DWS/dws  
Attachment

cc - Mr. E.W. Merschoff, Region IV  
Mr. W.D. Johnson, Region IV  
Mr. D.H. Jaffe, NRR  
Resident Inspectors

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

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 04/15/2003  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

OPERATING STATUS

1. REPORTING PERIOD: MARCH 2003                      GROSS HOURS IN REPORTING PERIOD: 744
  2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3458\*\* 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     | 727.6      | 2,143.6    | 96,657      |
| 6. REACTOR RESERVE SHUTDOWN HOURS           | 0.0        | 0.0        | 2,871       |
| 7. HOURS GENERATOR ON LINE                  | 719.1      | 2,135.1    | 95,798      |
| 8. UNIT RESERVE SHUTDOWN HOURS              | 0.0        | 0.0        | 0           |
| 9. GROSS THERMAL ENERGY GENERATED (MWH)     | 1,993,313  | 6,883,730  | 316,989,909 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 672,342    | 2,355,633  | 106,261,266 |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH)   | 641,276    | 2,263,019  | 101,622,189 |
| 12. REACTOR SERVICE FACTOR                  | 97.8       | 99.2       | 87.3        |
| 13. REACTOR AVAILABILITY FACTOR             | 97.8       | 99.2       | 89.9        |
| 14. UNIT SERVICE FACTOR                     | 96.7       | 98.8       | 86.5        |
| 15. UNIT AVAILABILITY FACTOR                | 96.7       | 98.8       | 86.5        |
| 16. UNIT CAPACITY FACTOR (USING MDC)        | 75.0       | 91.1       | 79.8        |
| 17. UNIT CAPACITY FACTOR (USING DESIGN MWe) | 75.0       | 91.1       | 79.8        |
| 18. UNIT FORCED OUTAGE RATE                 | 3.3        | 1.2        | 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: Ref. SECY-99-034
  21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): ACHIEVED

COMMERCIAL OPERATION

900813

\*ESTIMATED

\*\*TS Amendment 89 and TRM Revision 38 for uprate of 1.4%.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 04/15/2003  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

MONTH: MARCH 2003

AVERAGE DAILY POWER LEVEL		AVERAGE DAILY POWER LEVEL	
DAY	Mwe-Net	DAY	MWe-Net
1	1146	17	0
2	1147	18	387
3	1146	19	573
4	1147	20	588
5	1147	21	592
6	1147	22	599
7	1124	23	602
8	1114	24	602
9	1145	25	602
10	1146	26	601
11	1147	27	601
12	1148	28	602
13	1148	29	603
14	1145	30	604
15	1145	31	1066
16	1037		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 04/15/2003  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

MONTH: MARCH 2003

DAY	TIME	REMARK/MODE
03/01	0000	Unit began the month at full power.
03/16	2149	Condensate Pump 1-01 tripped, this caused both Feedwater Pumps to trip and a manual Reactor trip was initiated. Unit stable in Mode 3.
03/17	1346	Unit 1 entered Mode 2
	2016	Unit 1 entered Mode 1
	2241	Unit synchronized to the grid
03/18	2100	Unit 1 ramped to 57% power during Condensate Pump 1-01 motor repair.
03/30	2300	Unit began return to full power
03/31	1252	Unit 1 returned to full power
	2400	Unit ended the month at full power.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 04/15/2003  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

REPORT MONTH: MARCH 2003

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
1	030316	F	24.87	A	2	On March 16, at 2149 hours, the Condensate Pump 1-01 tripped, this caused the Feedwater Pumps to trip and a manual reactor trip was initiated. On March 17, at 2241 hours, Unit 1 sync to grid and ramped to approximately 57% power. Unit held at 57% power during pump motor repair. Motor was reinstalled and ramp to full power began on March 30 at 2300. Unit reached full power on March 31 at 1252 hours. (Reference LER 1-03-002-00 & SMF-2003-000754)

## 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

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

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 04/15/2003  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

OPERATING STATUS

1. REPORTING PERIOD: MARCH 2003
  2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3458\*\* 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     | 744.0      | 2,160.0    | 75,613      |
| 6. REACTOR RESERVE SHUTDOWN HOURS           | 0.0        | 0.0        | 2,366       |
| 7. HOURS GENERATOR ON LINE                  | 744.0      | 2,160.0    | 75,138      |
| 8. UNIT RESERVE SHUTDOWN HOURS              | 0.0        | 0.0        | 0           |
| 9. GROSS THERMAL ENERGY GENERATED (MWH)     | 2,567,032  | 7,442,596  | 249,777,890 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 886,240    | 2,569,563  | 84,867,305  |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH)   | 853,833    | 2,475,685  | 81,407,597  |
| 12. REACTOR SERVICE FACTOR                  | 100.0      | 100.0      | 89.3        |
| 13. REACTOR AVAILABILITY FACTOR             | 100.0      | 100.0      | 92.1        |
| 14. UNIT SERVICE FACTOR                     | 100.0      | 100.0      | 88.7        |
| 15. UNIT AVAILABILITY FACTOR                | 100.0      | 100.0      | 88.7        |
| 16. UNIT CAPACITY FACTOR (USING MDC)        | 99.8       | 99.7       | 83.6        |
| 17. UNIT CAPACITY FACTOR (USING DESIGN MWe) | 99.8       | 99.7       | 83.6        |
| 18. UNIT FORCED OUTAGE RATE                 | 0.0        | 0.0        | 2.7         |
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: Ref. SECY-99-034
  21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): ACHIEVED

COMMERCIAL OPERATION

930803

\*ESTIMATED

\*\*TS Amendment 89 and TRM Revision 38 for the 0.4% uprate for a total 1.4% uprate.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 04/15/2003  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

MONTH: MARCH 2003

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	1148
2	1148
3	1149
4	1150
5	1150
6	1149
7	1149
8	1148
9	1148
10	1148
11	1148
12	1146
13	1146
14	1146
15	1146
16	1143

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
17	1144
18	1146
19	1147
20	1147
21	1147
22	1146
23	1148
24	1148
25	1147
26	1146
27	1147
28	1147
29	1148
30	1149
31	1147



SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 04/15/2003  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

MONTH: MARCH 2003

DAY	TIME	REMARK/MODE
03/01	0000	Unit began the month at full power.
03/31	2400	Unit ended the month at full power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 04/15/2003  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

REPORT MONTH: MARCH 2003

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