

**TXU Energy**Comanche Peak Steam
Electric Station

P.O. Box 1002 (E01) Glen Rose, TX 76043 Tel: 254 897 8920 Fax: 254 897 6652 lance.terry@txu.com **C. Lance Terry**Senior Vice President &
Principal Nuclear Officer

Ref: #10CFR50.36

CPSES-200202712 Log # TXX-02126 File # 10010.2 (RP-84)

July 17, 2002

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 JUNE 2002

#### Gentlemen:

Attached is the Monthly Operating Report for June 2002, 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.

JE 24



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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

Roger D. Walker

Regulatory Affairs Manager

DWS/dws Attachment

cc - Mr. E.W. Merschoff, Region IV Mr. W.D. Johnson, Region IV

> Mr. D.H. Jaffe, NRR Resident Inspectors

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

DOCKET NO.:

50-445

UNIT:

CPSES 1 07/18/2002

DATE:

COMPLETED BY:

Herb Kenyon

TELEPHONE:

254-897-0449

#### **OPERATING STATUS**

1. REPORTING PERIOD: JUNE 2002

GROSS HOURS IN REPORTING PERIOD:

720

2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): DESIGN ELECTRICAL RATING (MWe-Net):

2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3411 MAX. DEPEND. CAPACITY (MWe-Net): 1150\*

1150

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): NONE

4. REASON FOR RESTRICTION (IF ANY):

	THIS MONTH	YR TO DATE	CUMULATIVE
NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4,343.0	91,577
REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2,871
HOURS GENERATOR ON LINE	720.0	4,343.0	90,791
UNIT RESERVE SHUTDOWN HOURS	0	0	0
GROSS THERMAL ENERGY GENERATED (MWH)	2,452,826	14,791,915	300,774,046
GROSS ELECTRICAL ENERGY GENERATED (MWH)	824,385	5,013,467	100,780,088
NET ELECTRICAL ENERGY GENERATED (MWH)	790,891	4,817,576	96,391,481
REACTOR SERVICE FACTOR	100.0	100.0	87.9
REACTOR AVAILABILITY FACTOR	100.0	100.0	90.7
UNIT SERVICE FACTOR	100.0	100.0	87.2
UNIT AVAILABILITY FACTOR	100.0	100.0	87.2
UNIT CAPACITY FACTOR (USING MDC)	95.5	96.5	80.5
UNIT CAPACITY FACTOR (USING DESIGN MWe)	95.5	96.5	80.5
UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
	REACTOR RESERVE SHUTDOWN HOURS HOURS GENERATOR ON LINE UNIT RESERVE SHUTDOWN HOURS GROSS THERMAL ENERGY GENERATED (MWH) GROSS ELECTRICAL ENERGY GENERATED (MWH) NET ELECTRICAL ENERGY GENERATED (MWH) REACTOR SERVICE FACTOR REACTOR AVAILABILITY FACTOR UNIT SERVICE FACTOR UNIT AVAILABILITY FACTOR UNIT CAPACITY FACTOR (USING MDC) UNIT CAPACITY FACTOR (USING DESIGN MWe)	NUMBER OF HOURS REACTOR WAS CRITICAL  REACTOR RESERVE SHUTDOWN HOURS  0.0 HOURS GENERATOR ON LINE 720.0 UNIT RESERVE SHUTDOWN HOURS  0 GROSS THERMAL ENERGY GENERATED (MWH) 2,452,826 GROSS ELECTRICAL ENERGY GENERATED (MWH) 824,385 NET ELECTRICAL ENERGY GENERATED (MWH) 790,891 REACTOR SERVICE FACTOR 100.0 UNIT SERVICE FACTOR 100.0 UNIT AVAILABILITY FACTOR 100.0 UNIT CAPACITY FACTOR (USING MDC) 95.5 UNIT CAPACITY FACTOR (USING DESIGN MWe)	NUMBER OF HOURS REACTOR WAS CRITICAL       720.0       4,343.0         REACTOR RESERVE SHUTDOWN HOURS       0.0       0.0         HOURS GENERATOR ON LINE       720.0       4,343.0         UNIT RESERVE SHUTDOWN HOURS       0       0         GROSS THERMAL ENERGY GENERATED (MWH)       2,452,826       14,791,915         GROSS ELECTRICAL ENERGY GENERATED (MWH)       824,385       5,013,467         NET ELECTRICAL ENERGY GENERATED (MWH)       790,891       4,817,576         REACTOR SERVICE FACTOR       100.0       100.0         REACTOR AVAILABILITY FACTOR       100.0       100.0         UNIT SERVICE FACTOR       100.0       100.0         UNIT AVAILABILITY FACTOR       100.0       100.0         UNIT CAPACITY FACTOR (USING MDC)       95.5       96.5         UNIT CAPACITY FACTOR (USING DESIGN MWe)       95.5       96.5

- 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: Ref. SECY-99-034
- 21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): ACHIEVED

**COMMERCIAL OPERATION** 

900813

\*ESTIMATED

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.:

50-445 CPSES 1

UNIT: DATE:

07/18/2002 Herb Kenyon

COMPLETED BY: TELEPHONE:

254-897-0449

MONTH: JUNE 2002

AVERAGE	DAILY	POWER	LEVEL

# AVERAGE DAILY POWER LEVEL

DAY	Mwe-Net	DAY	MWe-Net
1	1107	17	1101
2	1105	18	1100
3	1104	19	1101
4	1102	20	1101
5	1103	21	1098
6	1100	22	1097
7	1100	23	1097
8	1099	24	1096
9	1101	25	1095
10	1101	26	1094
11	1099	27	1095
12	1100	28	1094
13	1098	29	1093
14	1079	30	1094
15	1101	31	
16	1101		

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# SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: UNIT: 50-445 CPSES 1

DATE: COMPLETED BY: 07/18/2002 Herb Kenyon

TELEPHONE:

254-897-0449

MONTH:

**JUNE 2002** 

DAY	TIME	REMARK/MODE
06/01	0000	Unit began the month 100% power.
06/30	2400	Unit ended the month 100% power.

#### UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.:

50-445

UNIT:

CPSES 1

DATE:

07/18/2002 Herb Kenyon

COMPLETED BY: TELEPHONE:

254-897-0449

REPORT MONTH:

**JUNE 2002** 

**METHOD OF** 

**TYPE** 

F: FORCED

S: SCHEDULED

**DURATION\*** 

(HOURS)

**REASON** 

THE REACTOR OR

**SHUTTING DOWN** REDUCING POWER

CORRECTIVE ACTION/COMMENTS

**NONE** 

DATE

**NONE** 

1) REASON

NO

A: EQUIPMENT FAILURE (EXPLAIN)

D: REGULATORY RESTRICTION

**B: MAINT OR TEST** 

C: REFUELING

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

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

DOCKET NO.:

50-446

UNIT:

CPSES 2

DATE:

07/18/2002

COMPLETED BY: TELEPHONE:

Herb Kenyon 254-897-0449

#### **OPERATING STATUS**

1. REPORTING PERIOD: JUNE 2002

GROSS HOURS IN REPORTING PERIOD:

720

2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): DESIGN ELECTRICAL RATING (MWe-Net):

3458\*\*

MAX. DEPEND. CAPACITY (MWe-Net): 1150\*

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	694.5	3,532.8	69,036
6.	REACTOR RESERVE SHUTDOWN HOURS	0	0	2,366
7.	HOURS GENERATOR ON LINE	690.6	3,472.4	68,561
8.	UNIT RESERVE SHUTDOWN HOURS	0	0	0
9.	GROSS THERMAL ENERGY GENERATED (MWH)	2,333,719	11,634,010	227,224,775
10.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	795,808	3,980,519	77,129,378
11.	NET ELECTRICAL ENERGY GENERATED (MWH)	763,873	3,823,853	73,961,946
12.	REACTOR SERVICE FACTOR	96.5	81.3	88.4
13.	REACTOR AVAILABILITY FACTOR	96.5	81.3	91.4
14.	UNIT SERVICE FACTOR	95.9	80.0	87.8
15.	UNIT AVAILABILITY FACTOR	95.9	80.0	87.8
16.	UNIT CAPACITY FACTOR (USING MDC)	92.3	76.6	82.4
17.	UNIT CAPACITY FACTOR (USING DESIGN MWe)	92.3	76.6	82.4
18.	UNIT FORCED OUTAGE RATE	4.1	0.8	3.0

- 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: Ref. SECY-99-034
- 21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): ACHIEVED

**COMMERCIAL OPERATION** 

930803

\*ESTIMATED \*\*Tech Spec Amendment 89 and TRM revision 38 for the 0.4% uprate for a total 1.4% uprate.

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#### AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.:

50-446 CPSES 2

UNIT: DATE:

07/18/2002 Herb Kenyon

COMPLETED BY: TELEPHONE:

254-897-0449

MONTH: JUNE 2002

# AVERAGE DAILY POWER LEVEL

# AVERAGE DAILY POWER LEVEL

DAY	MWe-Net	DAY	Mwe-Net
1	1142	17	1127
2	1141	18	1132
3	1139	19	1128
4	1139	20	1129
5	1139	21	1111
6	925	22	1127
7	0	23	1127
8	528	24	1126
9	1115	25	1127
10	1105	26	1126
11	1116	27	1124
12	1124	28	1124
13	1120	29	1122
14	1127	30	1123
15	1127	31	
16	1127		

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# SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.:

50-446 CPSES 2

UNIT: DATE:

07/18/2002

COMPLETED BY: TELEPHONE:

Herb Kenyon 254-897-0449

MONTH: JUNE 2002

DAY	TIME	REMARK/MODE
06/01	0000	Unit began the month at 100% power.
06/06	1924	Turbine trip and automatic Reactor trip due to Turbine Generator Primary Water Pump vibration alarm.
06/07	2026	Unit entered Mode 2, alarm repaired.
	2054	Unit 2 is critical
	2325	Unit 2 entered Mode 1.
06/08	0051	Unit synchronized to the grid.
	2116	Unit 2 stopped power ramp. (Unit is at full power)
06/30	2400	Unit 2 ended the month at full power.

#### UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.:

50-446

UNIT:

CPSES 2

DATE: COMPLETED BY:

07/18/2002

TELEPHONE:

Herb Kenyon 254-897-0449

REPORT MONTH:

**JUNE 2002** 

METHOD OF

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
3	020606	F	29.50	Α	3	On 06/06/2002 at 1924, Unit turbine trip and reactor trip due to a high vibration alarm on the turbine primary water pump. The alarm was identified as faulty and replaced. The unit returned to power on 06/08/2002 at 2116. (See previous page for additional information. LER-446 2-001-00)

1) REASON 2) METHOD

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)

1: MANUAL

2: MANUAL SCRAM

3: AUTOMATIC SCRAM

4: OTHER (EXPLAIN)

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