



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

Ref: #10CFR50.36

CPSES-200002547
Log # TXX-00193
File # 10010.2 (RP-84)

October 16, 2000

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 SEPTEMBER 2000

Gentlemen:

Attached is the Monthly Operating Report for September 2000, 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

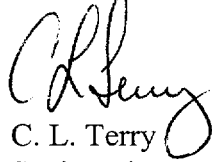
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This communication contains no new licensing basis commitments regarding CPSES Units 1 and 2. Should you have any questions, please contact Douglas W. Snow at (254) 897-8448.

Sincerely,



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

DWS/dws
Attachment

cc - Mr. E. W. Merschoff, Region IV
Mr. J. I. Tapia, Region IV
Mr. D. H. Jaffe, NRR
Resident Inspector

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 10/16/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: SEPTEMBER 2000 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	6,575	77,176
6 REACTOR RESERVE SHUTDOWN HOURS	0	0	2,632
7 HOURS GENERATOR ON LINE	720	6,575	76,456
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,431,920	22,321,198	252,293,052
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	806,886	7,479,856	84,402,964
11 NET ELECTRICAL ENERGY GENERATED (MWH)	774,110	7,183,320	80,693,110
12 REACTOR SERVICE FACTOR	100.0	100.0	86.9
13 REACTOR AVAILABILITY FACTOR	100.0	100.0	89.8
14 UNIT SERVICE FACTOR	100.0	100.0	86.1
15 UNIT AVAILABILITY FACTOR	100.0	100.0	86.1
16 UNIT CAPACITY FACTOR (USING MDC)	93.5	95.0	79.0
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	93.5	95.0	79.0
18 UNIT FORCED OUTAGE RATE	0.0	0.0	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:

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: 10/16/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: SEPTEMBER 2000

AVERAGE DAILY POWER LEVEL		AVERAGE DAILY POWER LEVEL	
DAY	MWe-Net	DAY	MWe-Net
1	1082	17	1088
2	1081	18	1089
3	1081	19	1089
4	1081	20	1091
5	1079	21	1092
6	1080	22	1092
7	1082	23	1092
8	1085	24	823
9	1084	25	993
10	1084	26	1095
11	1083	27	1095
12	1083	28	1095
13	1086	29	1095
14	1086	30	1094
15	1086	31	
16	1088		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 10/16/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: SEPTEMBER 2000

DAY	TIME	REMARK/MODE
09/01	0000	Unit began the month at 100% power.
09/24	0540	Unit began downpowering to approximately 70% power to repair Heater Drain Pump 1-02 expansion joint leak.
09/24	1820	Unit at approximately 73% power for repairs of HDP 1-02
09/25	0515	Heater Drain Pump work completed, commence ramp to 100% power.
	0935	Unit returned to 100% power.
09/30	2400	Unit ended month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 10/16/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

REPORT MONTH: SEPTEMBER 2000

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
2	000924	F		A	4	On September 24, 2000 at 0515, the unit began a downpower to approximately 70% due to an expansion joint leak in Heater Drain Pump 1-02. The leak was repaired and the unit was returned to 100% power on September 25, 2000 at 0935.

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

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 10/16/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: SEPTEMBER 2000 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	707.52	6,563	54,370
6 REACTOR RESERVE SHUTDOWN HOURS	0	0	2,366
7 HOURS GENERATOR ON LINE	707.52	6,563	54,993
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,383,872	22,496,400	181,075,182
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	805,990	7,691,780	61,344,233
11 NET ELECTRICAL ENERGY GENERATED (MWH)	773,118	7,395,033	58,787,134
12 REACTOR SERVICE FACTOR	98.3	99.8	88.2
13 REACTOR AVAILABILITY FACTOR	98.3	99.8	92.0
14 UNIT SERVICE FACTOR	98.3	99.8	87.6
15 UNIT AVAILABILITY FACTOR	98.3	99.8	87.6
16 UNIT CAPACITY FACTOR (USING MDC)	93.4	97.8	81.4
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	93.4	97.8	81.4
18 UNIT FORCED OUTAGE RATE	0.0	0.0	3.53

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: 11/04/2000

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: 10/16/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: SEPTEMBER 2000

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	1114
2	1114
3	1113
4	1112
5	1111
6	1111
7	1114
8	1115
9	1115
10	1115
11	1115
12	1115
13	1117
14	1118
15	1116
16	1118

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
17	1119
18	1119
19	1115
20	1104
21	1094
22	1083
23	1072
24	1063
25	1058
26	1044
27	1035
28	1025
29	1013
30	438
31	

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 10/16/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: SEPTEMBER 2000

DAY	TIME	REMARK/MODE
09/01	0000	Unit began the month at 100% power.
09/19	0550	Unit began end of cycle coast down in preparation for the start of the refueling outage (2RF05)
09/30	0855	Unit began the ramp down to begin 2RF05 refueling outage.
	1131	Planned trip of the unit per procedure to begin refueling outage (2RF05). Unit in Mode 3.
09/30	2400	Unit ended the month in Mode 3 with 2RF05 in progress.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 10/16/2000
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

REPORT MONTH: SEPTEMBER 2000

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
1	000930	S	12.48	C	2	On September 30, 2000, at 0855 the unit began to downpower to begin refueling outage 2RF05. At 1131, the unit was manually tripped per procedure at 20% power to begin the refueling outage 2RF05. The unit ended the month in Mode 3 in 2RF05.

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