



TU ELECTRIC

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C. Lance Terry
Group Vice President

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

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)
DOCKET NOS. 50-445 AND 50-446
MONTHLY OPERATING REPORT FOR MAY 1997

Gentlemen:

Attached is the Monthly Operating Report for May 1997, 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. During this reporting period, there have been no failures or challenges to the Power Operated Relief Valves (PORVs) or Safety Valves (SVs) for CPSES units 1 and 2. Should you have any questions, please contact Jacob M. Kulangara at (817) 897-0124.

Sincerely,

C. L. Terry
C. L. Terry

By: *Roger D. Walker*
Roger D. Walker
Regulatory Affairs Manager

JMK/jmk
Attachment

cc: Mr. E. W. Merschoff, Region IV
Mr. J. I. Tapia, Region IV
Mr. T. J. Polich, NPR
Resident Inspectors

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COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 6/ 9/97
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

OPERATING STATUS

1. REPORTING PERIOD:	MAY 1997	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	3,623	49,717
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	2,604
7. HOURS GENERATOR ON LINE	744	3,623	49,077
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,531,275	12,324,074	159,773,526
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	857,168	4,182,946	53,371,476
11. NET ELECTRICAL ENERGY GENERATED (MWH)	822,320	4,018,236	50,941,665
12. REACTOR SERVICE FACTOR	100.0	100.0	83.4
13. REACTOR AVAILABILITY FACTOR	100.0	100.0	87.8
14. UNIT SERVICE FACTOR	100.0	100.0	82.3
15. UNIT AVAILABILITY FACTOR	100.0	100.0	82.3
16. UNIT CAPACITY FACTOR (USING MDC)	96.1	96.4	74.3
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	96.1	96.4	74.3
18. UNIT FORCED OUTAGE RATE	0.0	0.0	4.4
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: 6/ 9/97
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

MONTH: MAY 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1111
2	1111
3	1111
4	1111
5	1111
6	1110
7	1110
8	1109
9	1100
10	1042
11	1109
12	1109
13	1109
14	1109
15	1108
16	1108

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1108
18	1107
19	1106
20	1106
21	1107
22	1107
23	1107
24	1107
25	1106
26	1105
27	1104
28	1104
29	1104
30	1104
31	1103

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 6/ 9/97
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

MONTH: MAY 1997

DAY	TIME	REMARK/MODE
05/01	0000	Unit began the month at 100% power.
05/31	2400	Unit ended the month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 6/ 9/97
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

REPORT MONTH: MAY 1997

NO	DATE	TYPE	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F:FORCED S:SCHEDULED				

None

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)

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 2

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 6/ 9/97
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

OPERATING STATUS

1. REPORTING PERIOD:	MAY 1997	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	3,541	28,022
6. REACTOR RESERVE SHUTDOWN HOURS	0	82	2,311
7. HOURS GENERATOR ON LINE	744	3,520	27,754
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,144,436	11,531,002	89,814,628
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	721,890	3,929,699	30,321,799
11. NET ELECTRICAL ENERGY GENERATED (MWH)	689,326	3,772,680	29,001,411
12. REACTOR SERVICE FACTOR	100.0	97.7	83.5
13. REACTOR AVAILABILITY FACTOR	100.0	100.0	90.4
14. UNIT SERVICE FACTOR	100.0	97.2	82.7
15. UNIT AVAILABILITY FACTOR	100.0	97.2	82.7
16. UNIT CAPACITY FACTOR (USING MDC)	80.6	90.5	75.2
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	80.6	90.5	75.2
18. UNIT FORCED OUTAGE RATE	0.0	0.0	6.6
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
Third refueling outage (2RF03) scheduled to begin on October 25, 1997 with an estimated 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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 6/ 9/97
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

MONTH: MAY 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1124
2	1123
3	1122
4	1122
5	680
6	464
7	776
8	1123
9	1124
10	1122
11	1121
12	1122
13	1122
14	1122
15	1121
16	1121

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1121
18	1120
19	1119
20	1119
21	1119
22	1118
23	1027
24	470
25	469
26	466
27	460
28	534
29	932
30	671
31	471

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 6/ 9/97
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

MONTH: MAY 1997

DAY	TIME	REMARK/MODE
05/01	0000	Unit began the month at 100% power.
05/05	0430	Began power reduction to 48% to repair cracked weld on 2B main feedwater pump casing vent valve 2FW-0011.
05/07	0812	Completed repairs to the valve 2FW-0011 and initiated power ramp up.
	1644	Unit returned to 100% power.
05/23	1745	Started power reduction to repair main feedwater pump 2B outboard bearing resulted from high vibration.
	2245	Maintained reactor power level at 50% to repair to the main feedwater pump 2B outboard bearing.
05/28	1640	Following completion of repairs to the outboard bearing, initiated power ramp up.
05/29	0024	Maintained power level at 86% due to high outboard bearing vibration to main feedwater pump 2B.
05/30	0700	Initiated action to ramp down power to 48% to troubleshoot and repair main feedwater pump 2B outboard bearing.
	1210	Began troubleshooting and repair work to the main feedwater pump 2B outboard bearing.
05/31	2400	Unit ended the month at 48% power with the outboard bearing repairs in progress.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446
 UNIT: CPSES 2
 DATE: 6/ 9/97
 COMPLETED BY: Bob Reible
 TELEPHONE: 817-897-0449

REPORT MONTH: MAY 1997

NO	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
3	970505	F		A	4	Began power reduction to 48% due to cracked weld on main feedwater pump 2B casing vent valve 2FW-0011. (see previous page).
4	970523	F		A	4	Initiated power reduction to 48% to troubleshoot and repair main feedwater pump 2B outboard bearing due to high vibration. (see previous page).

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)