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May 15, 1996

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 APRIL 1996

Gentlemen:

Attached is the Monthly Operating Report for April 1996, 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. Should you have any questions, please contact Jacob M. Kulangara at (214) 812-8818.

Sincerely,

C. L. Terry

By: J. S. Marshall  
J. S. Marshall  
Generic Licensing Manager

JMK/jmk  
Attachment

cc: Mr. L. J. Callan, Region IV  
Ms. L. J. Smith, Region IV  
Mr. T. J. Polich, 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  
DATE: 5/ 7/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

## OPERATING STATUS

1. REPORTING PERIOD:	APRIL 1996	GROSS HOURS IN REPORTING PERIOD:	719
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	670	2,472	41,223
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	2,604
7. HOURS GENERATOR ON LINE	652	2,436	40,625
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,149,872	7,927,490	131,352,743
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	723,877	2,731,663	43,797,866
11. NET ELECTRICAL ENERGY GENERATED (MWH)	692,402	2,604,902	41,772,095
12. REACTOR SERVICE FACTOR	93.2	85.1	82.3
13. REACTOR AVAILABILITY FACTOR	93.2	85.1	87.5
14. UNIT SERVICE FACTOR	90.7	83.9	81.1
15. UNIT AVAILABILITY FACTOR	90.7	83.9	81.1
16. UNIT CAPACITY FACTOR (USING MDC)	83.7	78.0	72.5
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	83.7	78.0	72.5
18. UNIT FORCED OUTAGE RATE	9.3	16.1	5.2
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
Refueling outage 1RF05 scheduled to begin on October 4, 1996 with an estimated duration of 42 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: 5/ 7/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

MONTH: APRIL 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1109
2	1109
3	1109
4	1109
5	1108
6	1108
7	1062
8	1107
9	1108
10	975
11	0
12	0
13	0
14	384
15	1030
16	1105

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1109
18	1109
19	1109
20	1108
21	1108
22	1108
23	1108
24	1108
25	1108
26	1108
27	1108
28	1109
29	1109
30	1108
31	

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 5/ 7/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

MONTH: APRIL 1996

DAY	TIME	REMARK/MODE
04/01	0000	Began month at 100% power.
	1744	Safety Injection relief valve 1-8851 leaked due to cracked weld on the piping flange; entered Technical Specification 3.0.3.
04/10	1844	Began turbine load reduction required by the Technical Specification to repair the leak on Safety Injection (SI) relief valve 1-8851.
04/11	0000	Unit held at 12% power to perform repairs to the weld on valve 1-8851.
	0015	Began power ramp up following completion of valve repair.
	0215	At 25% power, actions initiated to bring unit to MODE 2 to repair damaged seal gasket for Heater Drain valve 1-LV-2592.
	0248	Manually tripped the turbine to repair 1-LV-2592.
	0503	Manually tripped the reactor due to rod control malfunction that resulted from a failed bank overlap counter circuit board during MODE 2 for repairing 1-LV-2592. Unit entered MODE 3.
04/13	0512	Replaced the failed circuit board and the valve gasket and unit entered MODE 2.
	0547	Reactor entered critical.
	2126	Unit entered MODE 1.
	2138	Unit synchronized to the grid.
04/15	1800	Unit regained 100% power.
04/30	2400	Unit ended the month at 100% power.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 5/ 7/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

REPORT MONTH: APRIL 1996

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
5	960410	F		A	4	Reduced power to repair cracked weld on SI relief valve 1-8851. (See previous page). LER 445/96-005-00.
6	960411	F	66.8	A	2	After completion of repair of the cracked weld, unit was ramped up to 25% power level. Action was initiated to bring the unit to MODE 2 to repair damaged seal gasket on valve 1-LV-2592. At this time, tripped the reactor manually due to rod control malfunction. (See previous page). LER 445/96-006-00.

## 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: 5/ 7/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

OPERATING STATUS

1. REPORTING PERIOD:	APRIL 1996	GROSS HOURS IN REPORTING PERIOD:	719
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	0	1,279	18,824
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	2,229
7. HOURS GENERATOR ON LINE	0	1,279	18,602
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	0	4,261,224	59,824,135
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	1,454,985	20,159,606
11. NET ELECTRICAL ENERGY GENERATED (MWH)	0	1,398,017	19,256,375
12. REACTOR SERVICE FACTOR	0.0	44.1	78.3
13. REACTOR AVAILABILITY FACTOR	0.0	44.1	87.6
14. UNIT SERVICE FACTOR	0.0	44.1	77.4
15. UNIT AVAILABILITY FACTOR	0.0	44.1	77.4
16. UNIT CAPACITY FACTOR (USING MDC)	0.0	41.9	69.7
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	0.0	41.9	69.7
18. UNIT FORCED OUTAGE RATE	100.0	21.3	8.4
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:		5/ 7/96	
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: 5/ 7/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

MONTH: APRIL 1996

DAY	AVERAGE DAILY POWER LEVEL (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

DAY	AVERAGE DAILY POWER LEVEL (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	0
30	0
31	0

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 5/ 7/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

MONTH: APRIL 1996

DAY	TIME	REMARK/MODE
04/01	0000	Unit began the month in MODE 5; refueling outage 2RF02 continued.
04/08	1421	Unit entered MODE 4.
04/11	1254	Reactor Coolant Pump (RCP) motor 2-01 tripped on over-current.
04/17	0000	Planned unit refueling outage 2RF02 ended; unit entered forced outage to replace Reactor Coolant Pump motor 2-01.
04/30	2400	Unit ended the month in MODE 5.



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 5/ 7/96  
COMPLETED BY: Bob Reible  
TELEPHONE: 817-897-0449

REPORT MONTH: APRIL 1996

NO	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
4	960401	S	383.0	C	4	Continued unit refueling outage 2RF02: completed the refueling outage on April 17,1996. (see previous page).
5	960417	F	336.0	A	4	While preparing for exiting the unit refueling outage 2RF02 with the reactor in MODE 4, Reactor Coolant Pump (RCP) motor 2-01 tripped on over-current. Unit returned to MODE 5. Unit entered a forced outage to replace the RCP motor.(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)