



TU ELECTRIC

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February 15, 1991

William J. Cahill, Jr.  
Executive Vice President

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

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)  
DOCKET NO. 50-445  
MONTHLY OPERATING REPORT FOR JANUARY 1991

Gentlemen:

Attached is the Monthly Operating Report for January 1991 prepared and submitted pursuant to Specification 6.9.1.5 of Appendix A (Technical Specifications) to the Comanche Peak Unit 1 Steam Electric Station Operating License, NPF-87.

Sincerely,

William J. Cahill, Jr.

By: D. R. Woodlan  
D. R. Woodlan  
Docket Licensing Manager

JLR/grp  
Attachment

c - Mr. R. D. Martin, Region IV  
Resident Inspectors, CPSES (3)  
Mr. J. W. Clifford, NRR

9102190213 910131  
PDR ADOCK 05000445  
R PDR

400 North Olive Street L.B. 81 Dallas, Texas 75201

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

DOCKET NO: 50-445  
 UNIT: CPSES 1  
 DATE: February 8, 1991  
 COMPLETED BY: D. E. Buschbaum  
 TELEPHONE: 817-897-5851

**OPERATING STATUS**

1. Reporting Period: JANUARY 1991 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. Reasons for restriction (if any):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of hours reactor was critical	710.5	710.5	3636.9
6. Reactor reserve shutdown hours	33.5	33.5	306.4
7. Hours generator on line	702.5	702.5	3568.2
8. Unit reserve shutdown hours	0	0	0
9. Gross thermal energy generated (MWH)	2,259,446	2,259,446	10,416,374
10. Gross electrical energy generated (MWH)	762,318	762,318	3,427,318
11. Net electrical energy generated (MWH)	728,251	728,251	3,241,765
12. Reactor Service factor	95.5	95.5	88.3
13. Reactor availability factor	100	100	95.7
14. Unit service factor	94.4	94.4	86.0
15. Unit availability factor	94.4	94.4	86.6
16. Unit capacity factor (Using MDC)	85.2	85.2	68.4
17. Unit capacity factor (Using Design MWe)	85.2	85.2	68.4
18. Unit forced outage rate	5.6	5.6	7.4
19. Shutdowns scheduled over next 6 months (Type, Date, and Duration of each): a) Maintenance/ Surveillance, 910413, 6 weeks.			
20. If shutdown at end of report period, estimated date of startup:			
21. Units in test status (prior to commercial operation):	FORECAST	ACHIEVED	
Initial Criticality	900403	900403	
Initial Electricity	900501	900424	
Commercial Operation	900721	900813	

\* Estimated

## AVERAGE DAILY UNIT POWER LEVEL

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MONTH: JANUARY 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1063</u>	17	<u>1065</u>
2	<u>1063</u>	18	<u>1053</u>
3	<u>1061</u>	19	<u>1061</u>
4	<u>1061</u>	20	<u>1060</u>
5	<u>1060</u>	21	<u>1060</u>
6	<u>1061</u>	22	<u>1060</u>
7	<u>1060</u>	23	<u>720</u>
8	<u>1062</u>	24	<u>0</u>
9	<u>1061</u>	25	<u>205</u>
10	<u>1067</u>	26	<u>879</u>
11	<u>1066</u>	27	<u>1062</u>
12	<u>1018</u>	28	<u>1057</u>
13	<u>1066</u>	29	<u>1053</u>
14	<u>1061</u>	30	<u>1048</u>
15	<u>1060</u>	31	<u>1050</u>
16	<u>1063</u>		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO: 50-445  
UNIT: CPSES 1  
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MONTH: JANUARY 1991

1/1	0000	Unit started month in MODE 1.
1/23	1636	Reactor Trip, Unit entered MODE 3. Reactor tripped on Turbine Trip due to low primary water pressure to main generator.
1/25	0206	Unit entered MODE 2.
	0340	Unit entered MODE 1.
1/31	2400	Unit ended month in MODE 1.

### UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH JANUARY 1991

NO.	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F:FORCED	S:SCHEDULED				
001	900123	F		41.5	A	3	Reactor Trip on Turbine Trip. See previous page. LFR 91-002 to follow.

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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)