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TUELECTRIC

January 15, 1991

William J. Cahill, Jr.
Group Vice President

Director, Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, DC 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES) - UNIT 1
DOCKET NO. 50-445
MONTHLY OPERATING REPORT FOR DECEMBER 1991

Gentlemen:

Attached is the Monthly Operating Report for December 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.
William J. Cahill, Jr.

By: *Roger D. Walker*
R. D. Walker
Manager, Nuclear Licensing

JLR/grp
Attachment

c - Mr. R. D. Martin, Region IV
Mr. T. Riese, Region IV
Resident Inspectors, CPSES (2)
Mr. T. A. Bergman, NRR
Document Control Desk

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

DOCKET NO:	50-445
UNIT:	CPSES 1
DATE:	January 10, 1992
COMPLETED BY:	Greg Thatcher
TELEPHONE:	817-897-8223

OPERATING STATUS

- Reporting Period: DECEMBER 1991 Gross hours in reporting period: 744
- Currently authorized power level (MWt): 3411 Max. depend. capacity (MWe-Net): 1150 * Design Electrical Rating (MWe-Net): 1150
- Power level to which restricted (if any) (MWe-Net): NONE
- Reasons for restriction (if any):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of hours reactor was critical	581.95	5488.8	8415.2
6. Reactor reserve shutdown hours	0	1709.55	1982.45
7. Hours generator on line	479.92	5343.47	8209.17
8. Unit reserve shutdown hours	0	0	0
9. Gross thermal energy generated (MWH)	1,236,146	17,175,066	25,331,994
10. Gross electrical energy generated (MWH)	372,677	5,644,998	8,309,998
11. Net electrical energy generated (MWH)	341,751	5,355,050	7,868,564
12. Reactor Service factor	78.2	62.7	69.3
13. Reactor availability factor	78.2	82.2	85.7
14. Unit service factor	64.5	61.0	67.6
15. Unit availability factor	64.5	61.0	67.6
16. Unit capacity factor (Using MDU)	39.9	53.2	56.4
17. Unit capacity factor (Using Design MWt)	39.9	53.2	56.4
18. Unit forced outage rate	6.2	12.6	11.0
19. Shutdowns scheduled over next 6 months (Type, Date, and Duration of each):			

20. If shutdown at end of report period, estimated date of startup:

21. Units in test status (prior to commercial operation): ACHIEVED

Commercial Operation 900813

AVERAGE DAILY UNIT POWER LEVEL

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DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	650
2	0	18	753
3	0	19	832
4	0	20	859
5	0	21	1098
6	0	22	931
7	0	23	656
8	0	24	953
9	0	25	1103
10	0	26	1059
11	49	27	1102
12	39	28	1103
13	109	29	1101
14	261	30	1104
15	417	31	1102
16	461		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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12/1	0000	Unit started month in MODE 5.
12/3	0134	Entered MODE 4.
12/4	1333	Entered MODE 3.
12/7	1803	Entered MODE 2.
12/10	1632	Entered MODE 1.
12/10	1720	Manually tripped the Turbine due to EHC fluid oscillations, Unit entered MODE 2.
12/11	0536	Entered MODE 1.
12/11	1948	Manually tripped the turbine to repair manual feedwater valve, Unit entered MODE 2.
12/12	1301	Entered MODE 1.
12/22	1448	Automatic Turbine Runback to 60% power initiated by troubleshooting a heater drain valve.
12/31	2400	Unit ended month in MODE 1.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH DECEMBER 1991

NO.	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
10	911201	S	232.62	C	1	First Refueling Outage
11	911210	F	12.68	A	1	Turbine shutdown required to repair HP control valve oscillations.
12	911211	F	18.78	A	1	Turbine shutdown required to repair Manual FW valve Disc/stem separation.
13	911222	F	35.5	G	4	Automatic Turbine Runback occurred while troubleshooting a heater drain valve.

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)