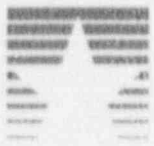

TUELECTRIC

Log # TXX-901050
File # 10010
Ref. # 10CFR50.36

William J. Cahill, Jr.
Executive Vice President

December 14, 1990

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 NOVEMBER 1990

Gentlemen:

Attached is the Monthly Operating Report for November 1990 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.

Sincerely,

William J. Cahill, Jr.

William J. Cahill, Jr.

By: Roger D. Walker
Roger D. Walker
Manager of Nuclear Licensing

JLR/grp
Attachment

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

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

DOCKET NO: 50-445
UNIT: CPSES 1
DATE: December 11, 1990
COMPLETED BY: D. E. Buschbaum
TELEPHONE: 817-897-5851

OPERATING STATUS

1. Reporting Period: November 1990 Gross hours in reporting period: 720
2. Currently authorized power level (MWt): 3411 Max. depend. capacity (MWe-Net): 1137 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	431.2	2182.4	2182.4
6.	Reactor reserve shutdown hours	111.1	272.9	272.9
7.	Hours generator on line	415.5	2121.7	2121.7
8.	Unit reserve shutdown hours	0	0	0
9.	Gross thermal energy generated (MWH)	1,073,237	5,782,872	5,782,872
10.	Gross electrical energy generated (MWH)	348,063	1,869,591	1,869,591
11.	Net electrical energy generated (MWH)	321,121	1,752,945	1,752,945
12.	Reactor Service factor	59.9	82.9	82.9
13.	Reactor availability factor	75.3	93.3	93.3
14.	Unit service factor	57.7	80.6	80.6
15.	Unit availability factor	57.7	80.6	80.6
16.	Unit capacity factor (Using MDC)	39.2	58.6	58.6
17.	Unit capacity factor (Using Design MWe)	38.8	57.9	57.9
18.	Unit forced outage rate	9.7	10.2	10.2

19. Shutdowns scheduled over next 6 months (Type, Date, and Duration of each): a) Maintenance/ Surveillance, 910401, 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

AVERAGE DAILY UNIT POWER LEVEL

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MONTH: NOVEMBER 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1083	17	414
2	1072	18	451
3	249	19	61
4	0	20	39
5	0	21	615
6	0	22	931
7	0	23	1062
8	0	24	1097
9	0	25	1087
10	0	26	1048
11	0	27	1037
12	0	28	1035
13	0	29	974
14	0	30	915
15	156		
16	298		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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MONTH: NOVEMBER 1990

11/1	0000	Unit started month in MODE 1.
11/3	1316	Unit entered MODE 2 to begin scheduled outage including incore flux thimble cleaning, feedwater regulating valve design modification, BOP maintenance and inaccessible snubber visual inspections.
	1430	Unit entered MODE 3.
11/4	0847	Unit entered MODE 4.
	1715	Unit entered MODE 5.
11/12	1024	Unit entered MODE 4.
	2356	Unit entered MODE 3.
11/13	0522	Unit entered MODE 4 in order to establish conditions for surveillance test on RCS Pressure Isolation Valves which could not be achieved in MODE 3.
	1113	Unit entered MODE 3.
11/14	1347	Unit entered MODE 2.
	1803	Unit entered MODE 1.
11/18	0243	Protection inverter IV1PC3 failed.
11/19	0200	Unable to restore inverter within 24 hours per Technical Specification 3.8.3.1, plant shutdown initiated and notification of unusual event declared. LER 90-041 to follow.
	0651	Unit entered MODE 2.
	0754	Unit entered MODE 3.
11/20	0925	Unit entered MODE 2.
	1238	Unit entered MODE 1.
11/30	2400	Unit ended month in MODE 1.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH NOVEMBER 1990

NO.	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
023	901103	S	259.5	B	1	Planned outage for BOP maintenance and incore flux thimble cleaning prior to winter peak load period
024	901114	F	13.0	G	4	Restart delayed following scheduled outage. Failure to perform surveillance test in MODE 4 required plant to cool down to MODE 4 after achieving MODE 3.
025	901114	F	0	B	4	Reduced Power operation for 105.3 hours for BOP grooming.
026	901119	F	32.0	A	1	Protection inverter failure resulted in Tech Spec required shutdown. 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)