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October 15, 1991

William J. Cahill, Jr.  
*Executive 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 SEPTEMBER 1991

Gentlemen:

Attached is the Monthly Operating Report for September 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,

A handwritten signature in cursive script, reading "William J. Cahill, Jr.".  
William J. Cahill, Jr.

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

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

DOCKET NO:	50-445
UNIT:	CPSES 1
DATE:	October 9, 1991
COMPLETED BY:	Greg Thatcher
TELEPHONE:	817-897-8223

**OPERATING STATUS**

1. Reporting Period: SEPTEMBER 1991 Gross hours in reporting period: 720
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	720	4841.45	7767.85
6. Reactor reserve shutdown hours	0	1709.55	1982.45
7. Hours generator on line	720	4798.2	7683.9
8. Unit reserve shutdown hours	0	0	0
9. Gross thermal energy generated (MWH)	2,431,361	15,742,446	23,899,374
10. Gross electrical energy generated (MWH)	802,524	5,208,683	7,882,683
11. Net electrical energy generated (MWH)	768,809	4,960,737	7,474,251
12. Reactor Service factor	100	73.9	78.2
13. Reactor availability factor	100	100	98.2
14. Unit service factor	100	73.2	77.2
15. Unit availability factor	100	73.2	77.2
16. Unit capacity factor (Using MDC)	92.9	65.8	65.5
17. Unit capacity factor (Using Design MWe)	92.9	65.8	65.5
18. Unit forced outage rate	0	13.4	11.4
19. Shutdowns scheduled over next 6 months (Type, Date, and Duration of each):	a) Refueling, 911005 , 56 days.		
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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MONTH: SEPTEMBER 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1073	17	1077
2	1074	18	1078
3	1076	19	1074
4	1072	20	1079
5	1077	21	921
6	1070	22	1072
7	1007	23	1081
8	1076	24	1082
9	1077	25	1082
10	1077	26	1082
11	1077	27	1081
12	1079	28	1077
13	1078	29	1055
14	1077	30	1045
15	1078	31	
16	1079		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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MONTH: SEPTEMBER 1991

8/1 1000 Unit started month in MODE 1.

9/3 2400 Unit ended month in MODE 1.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH SEPTEMBER 1991

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

- 1) REASON  
A: EQUIPMENT FAILURE (EXPLAIN)  
B: MAINT OR TEST  
C: REFUELING  
D: REGULATORY RESTRICTION
- 2) METHOD  
1: MANUAL  
2: MANUAL SCRAM  
3: AUTOMATIC SCRAM  
4: OTHER (EXPLAIN)
- E: OPERATOR TRAINING AND LICENSE EXAMINATION  
F: ADMINISTRATIVE  
G: OPERATIONAL ERROR (EXPLAIN)  
H: OTHER (EXPLAIN)