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September 17, 1999

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

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)  
DOCKET NOS. 50-445 AND 50-446  
MONTHLY OPERATING REPORT FOR AUGUST 1999

Gentlemen:

Attached is the Monthly Operating Report for August, 1999, prepared and submitted pursuant to Technical Specification 6.9.1.5 contained in Appendix A to the CPSES Units 1 and 2 Operating License Nos. NPF-87 and NPF-89, respectively. During this reporting period, there have been no failures or challenges to the Power Operated Relief Valves or Safety Valves for CPSES Unit 1 and Unit 2 .

IE 24/11

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PDR ADDCK 05000445  
R PDR

This communication contains no new licensing basis commitments regarding CPSES Units 1 and 2. Should you have any questions, please contact Douglas W. Snow at (254) 897-8448.

Sincerely,

C. L. Terry

By: 

Donald R. Woodlan  
Docket Licensing Manager

DWS/dws  
Attachment

c - Mr. E. W. Merschoff, Region IV  
Mr. J. I. Tapia, Region IV  
Mr. D.H. Jaffe, NRR  
Resident Inspectors

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 9/13/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: AUGUST 1999 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. REASON FOR RESTRICTION (IF ANY):

	THIS MONTH	YR TO DATE	CUMULATIVE
5 NUMBER OF HOURS REACTOR WAS CRITICAL	744	5,831	68,466
6 REACTOR RESERVE SHUTDOWN HOURS	0	0	2,632
7 HOURS GENERATOR ON LINE	744	5,831	67,790
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,520,182	19,814,116	223,054,560
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	831,616	6,648,790	74,599,267
11 NET ELECTRICAL ENERGY GENERATED (MWH)	796,541	6,380,641	71,288,916
12 REACTOR SERVICE FACTOR	100.0	100.0	86.3
13 REACTOR AVAILABILITY FACTOR	100.0	100.0	89.6
14 UNIT SERVICE FACTOR	100.0	100.0	85.4
15 UNIT AVAILABILITY FACTOR	100.0	100.0	85.4
16 UNIT CAPACITY FACTOR (USING MDC)	93.1	95.2	78.1
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	93.1	95.2	78.1
18 UNIT FORCED OUTAGE RATE	0.0	0.0	3.4

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):  
Next Scheduled outage 09/25/99

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: 9/13/99  
 COMPLETED BY: Bob Reible  
 TELEPHONE: 254-897-0449

MONTH: AUGUST 1999

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	827
2	1082
3	1081
4	1080
5	1080
6	1080
7	1080
8	1080
9	1079
10	1078
11	1079
12	1079
13	1080
14	1078
15	1077
16	1078

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
17	1078
18	1078
19	1078
20	1079
21	1080
22	1079
23	1080
24	1078
25	1076
26	1078
27	1079
28	1077
29	1077
30	1078
31	1077

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 9/13/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: AUGUST 1999

DAY	TIME	REMARK/MODE
08/01	0000	Unit began the month at 50% power with repairs to Main Feedwater Pump 1B in progress.
	0451	Main feedwater pump 1B repairs completed.
	0558	Unit commenced raising power to return to 100% power.
	1427	Unit returned to 100% power.
08/31	2400	Unit ended the month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 9/13/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

REPORT MONTH: AUGUST 1999

METHOD OF  
SHUTTING DOWN  
THE REACTOR OR  
REDUCING POWER

TYPE  
F: FORCED  
S: SCHEDULED

DURATION\*  
(HOURS)

REASON

CORRECTIVE ACTION/COMMENTS

NO

DATE

TYPE

DURATION\*  
(HOURS)

REASON

CORRECTIVE ACTION/COMMENTS

1a

990801

F

NA

H

4

Unit began the month at 50% power with MFP 1B control valve repairs in progress. On July 30, 1999 while troubleshooting a Electro Hydraulic Control failure alarm, a transient occurred that caused the main turbine control valves to go full open. During this transient the MFP-1B control valve jammed open. Repairs were completed on August 01 and the unit was returned to 100% power at 1427, on August 01, 1999. (See previous page for additional details).

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)

\* INDICATES SHUTDOWN HOURS/OTHERWISE "NA" FOR NOT APPLICABLE

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 9/13/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: AUGUST 1999 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. REASON FOR RESTRICTION (IF ANY):

	THIS MONTH	YR TO DATE	CUMULATIVE
5 NUMBER OF HOURS REACTOR WAS CRITICAL	744	5,029	45,878
6 REACTOR RESERVE SHUTDOWN HOURS	0	40	2,366
7 HOURS GENERATOR ON LINE	744	4,971	45,501
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,535,876	16,665,826	148,532,838
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	856,335	5,672,330	50,207,063
11 NET ELECTRICAL ENERGY GENERATED (MWH)	823,194	5,440,449	48,076,526
12 REACTOR SERVICE FACTOR	100.0	86.3	86.1
13 REACTOR AVAILABILITY FACTOR	100.0	86.9	90.6
14 UNIT SERVICE FACTOR	100.0	85.3	85.4
15 UNIT AVAILABILITY FACTOR	100.0	85.3	85.4
16 UNIT CAPACITY FACTOR (USING MDC)	96.2	81.1	78.5
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	96.2	81.1	78.5
18 UNIT FORCED OUTAGE RATE	0.0	1.0	4.3

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

Next refueling outage is scheduled for the fall of 2000 (2RF05)

20. IF SHUTDOWN AT END OF REPORTING PERIOD, ESTIMATED DATE OF STARTUP:

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: 9/13/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: AUGUST 1999

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	1113
2	1107
3	1110
4	1109
5	1109
6	1108
7	1107
8	1107
9	1107
10	1106
11	1107
12	1108
13	1107
14	1106
15	1106
16	1106

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
17	1106
18	1106
19	1105
20	1105
21	1108
22	1107
23	1106
24	1106
25	1104
26	1104
27	1104
28	1105
29	1105
30	1104
31	1103



SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 9/13/99  
COMPLETED BY: Bob Reible  
TELEPHONE: 254-897-0449

MONTH: AUGUST 1999

DAY	TIME	REMARK/MODE
08/01	0000	Unit began the month at 100% power.
08/31	2400	Unit ended the month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446  
 UNIT: CPSES 2  
 DATE: 9/13/99  
 COMPLETED BY: Bob Reible  
 TELEPHONE: 254-897-0449

REPORT MONTH: AUGUST 1999

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
						NONE

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)

\* INDICATES SHUTDOWN HOURS/OTHERWISE "NA" FOR NOT APPLICABLE