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Ref: #10CFR50.36

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September 18, 2001

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 2001

Gentlemen:

Attached is the Monthly Operating Report for August 2001, prepared and submitted pursuant to Technical Specification 5.6.4 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.

A member of the **STARS** (Strategic Teaming and Resource Sharing) Alliance

Callaway • Comanche Peak • Diablo Canyon • South Texas Project • Wolf Creek

IE24

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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: 
Roger D. Walker
Regulatory Affairs Manager

DWS/dws
Attachment

cc - Mr. E. W. Merschoff, Region IV
Mr. J. A. Clark, Region IV
Mr. D. H. Jaffe, NRR
Resident Inspectors

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445
 UNIT: CPSES 1
 DATE: 09/20/2001
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: AUGUST 2001 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	505.4	4,919.7	84,305
6 REACTOR RESERVE SHUTDOWN HOURS	238.6	238.6	2,871
7 HOURS GENERATOR ON LINE	463.8	4,854.1	83,519
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	1,547,417	16,205,683	276,005,640
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	513,078	5,463,902	92,394,013
11 NET ELECTRICAL ENERGY GENERATED (MWH)	481,606	5,213,603	88,343,190
12 REACTOR SERVICE FACTOR	67.9	84.4	87.0
13 REACTOR AVAILABILITY FACTOR	100.0	88.5	90.0
14 UNIT SERVICE FACTOR	62.3	83.2	86.2
15 UNIT AVAILABILITY FACTOR	62.3	83.2	86.2
16 UNIT CAPACITY FACTOR (USING MDC)	56.3	77.7	79.3
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	56.3	77.7	79.3
18 UNIT FORCED OUTAGE RATE	37.7	5.5	3.1

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

20. IF SHUTDOWN AT END OF REPORTING PERIOD, ESTIMATED DATE OF STARTUP: Ref. SECY-99-034

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: 09/20/2001
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: AUGUST 2001

AVERAGE DAILY POWER LEVEL		AVERAGE DAILY POWER LEVEL	
DAY	MWe-Net	DAY	MWe-Net
1	1089	17	1084
2	1087	18	176
3	1088	19	0
4	1088	20	0
5	1086	21	0
6	1086	22	0
7	1086	23	0
8	1087	24	0
9	1087	25	0
10	1087	26	0
11	1088	27	0
12	1087	28	0
13	1087	29	0
14	1086	30	682
15	1085	31	1088
16	1084		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 09/20/2001
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: AUGUST 2001

DAY	TIME	REMARK/MODE
08/01	0000	Unit began the month at 100% power.
08/17	0353	Plant Equipment Operator reports filling primary water header tank from 85% to 92%. This began refilling activity, which resulted in a unit ramp down for repair of primary water leak.
08/18	0335	Unit began ramp down to repair primary water leak
	0601	Initiated a manual Rx Trip per shutdown procedure to repair primary water leak. Unit entered Mode 3.
	2036	Unit entered Mode 4.
08/27	0133	Unit entered Mode 3. (Generator exciter rotor replaced, began heat up)
08/28	0404	Commenced Reactor Startup. Entered Mode 2.
	0434	Reactor is critical
	0908	Unit entered Mode 1.
	1039	Unit in Mode 2. Turbine trip for shaft balancing.
	1512	Unit entered Mode 1.
	1606	Main turbine speed increased, manually tripped turbine due to failed turbine speed sensor. Unit in Mode 2.
	2131	Speed sensor replaced. Unit entered Mode 1.
	2140	Raised reactor power to 7% for main turbine testing.
	2353	Performed overspeed trip test. Turbine tripped unit in Mode 2.

DAY	TIME	REMARK/MODE
08/29	0806	Unit in Mode 1.
	0854	Unit in Mode 1, approximately 15% power.
	0958	Unit entered Mode 2 due to main turbine trip due to a signal from Lockout (Ground) Relay 64-2.
	1915	Relay repaired. Unit entered Mode 1.
	2213	Unit sync to the grid.
08/30	0403	Hold power at 45% for calorimetrics.
	0658	Commenced ramp.
	1110	Holding power at 65% for routine turbine stop and control valve testing.
	1255	Commenced ramp.
	1806	Unit at 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: 09/20/2001
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

REPORT MONTH: AUGUST 2001

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
3	010818	F	280.20	A	1	On August 18, 2001 at 0335, the unit began to power down to repair a leak in the primary water system. The unit was taken offline at 0601 August 18, 2001. The leak was isolated to the main generator exciter rotor. The exciter rotor was repaired and replaced and the unit returned to power operations on August 29, 2001 at 2213. The unit returned to full power on August 30, 2001 at 1806. (See previous pages 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 2

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-446
 UNIT: CPSES 2
 DATE: 09/20/2001
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: AUGUST 2001 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3445** 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	744.0	5,811.6	62,574
6 REACTOR RESERVE SHUTDOWN HOURS	0	0	2,366
7 HOURS GENERATOR ON LINE	744.0	5,802.0	62,160
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,560,721	19,928,304	205,490,307
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	864,510	6,811,978	69,693,208
11 NET ELECTRICAL ENERGY GENERATED (MWH)	831,509	6,554,310	66,814,456
12 REACTOR SERVICE FACTOR	100.0	99.7	88.4
13 REACTOR AVAILABILITY FACTOR	100.0	99.7	91.7
14 UNIT SERVICE FACTOR	100.0	99.5	87.8
15 UNIT AVAILABILITY FACTOR	100.0	99.5	87.8
16 UNIT CAPACITY FACTOR (USING MDC)	97.2	97.7	82.0
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	97.2	97.7	82.0
18 UNIT FORCED OUTAGE RATE	0.0	0.5	3.2

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

20. IF SHUTDOWN AT END OF REPORTING PERIOD, ESTIMATED DATE OF STARTUP: Ref. SECY-99-034

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): ACHIEVED

COMMERCIAL OPERATION 930803

*ESTIMATED **Tech Spec Amendment 72 and TRM Rev. 33 for the 1% uprate

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 09/20/2001
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: AUGUST 2001

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	1118
2	1117
3	1117
4	1116
5	1115
6	1115
7	1115
8	1115
9	1116
10	1117
11	1116
12	1116
13	1115
14	1114
15	1115
16	1115

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
17	1115
18	1114
19	1114
20	1115
21	1117
22	1119
23	1120
24	1120
25	1122
26	1122
27	1122
28	1122
29	1124
30	1123
31	1124

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 09/20/2001
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: AUGUST 2001

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: 09/20/2001
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

REPORT MONTH: AUGUST 2001

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

1) REASON

- | | |
|--------------------------------|--|
| A: EQUIPMENT FAILURE (EXPLAIN) | E: OPERATOR TRAINING AND LICENSE EXAMINATION |
| B: MAINT OR TEST | F: ADMINISTRATIVE |
| C: REFUELING | G: OPERATIONAL ERROR (EXPLAIN) |
| D: REGULATORY RESTRICTION | H: OTHER (EXPLAIN) |

2) METHOD

- 1: MANUAL
- 2: MANUAL SCRAM
- 3: AUTOMATIC SCRAM
- 4: OTHER (EXPLAIN)

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