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Ref: #10CFR50.36

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May 15, 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 APRIL 2001

Gentlemen:

Attached is the Monthly Operating Report for April 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.

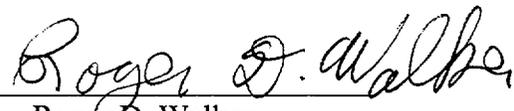
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This communication contains no new licensing basis commitments regarding CPSES Units 1 and 2. Should you have any questions, please contact Douglas W. Snow at (254) 897-8448.

Sincerely,

C. L. Terry

By: 
Roger D. Walker
Regulatory Affairs Manager

DWS/dws
Attachment

cc - Mr. E. W. Merschoff, Region IV
Mr. D. N. Graves, Region IV
Mr. D. H. Jaffe, NRR
Resident Inspector

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT
 NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445
 UNIT: CPSES 1
 DATE: 05/15/2001
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: APRIL 2001 GROSS HOURS IN REPORTING PERIOD: 719
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	224.7	2,206.3	81,591.7
6 REACTOR RESERVE SHUTDOWN HOURS	0	0	2,632
7 HOURS GENERATOR ON LINE	200.7	2,182.3	80,847.7
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	509,186	7,136,765	266,936,722
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	171,025	2,409,790	89,349,901
11 NET ELECTRICAL ENERGY GENERATED (MWH)	156,022	2,306,347	85,435,934
12 REACTOR SERVICE FACTOR	31.2	76.6	86.9
13 REACTOR AVAILABILITY FACTOR	31.2	76.6	89.7
14 UNIT SERVICE FACTOR	27.9	75.8	86.1
15 UNIT AVAILABILITY FACTOR	27.9	75.8	86.1
16 UNIT CAPACITY FACTOR (USING MDC)	18.9	69.7	79.1
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	18.9	69.7	79.1
18 UNIT FORCED OUTAGE RATE	0.0	0.0	2.9

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: 05/15/2001
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: APRIL 2001

AVERAGE DAILY POWER LEVEL

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY	MWe-Net
17	0
18	0
19	0
20	0
21	0
22	30
23	217
24	420
25	854
26	873
27	986
28	1117
29	1117
30	1116

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 05/15/2001
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: APRIL 2001

DAY	TIME	REMARK/MODE
04/01	0000	Unit began the month in Mode 6, 1RF08 refueling outage in progress
	0200	Moved clocks ahead to 0300 Daylight Savings Time.
04/02	0748	Core Offloaded entered No Mode.
04/07	1433	Unit entered Mode 6.
04/15	1922	Unit entered Mode 5.
04/19	1338	Unit entered Mode 4.
04/20	0810	Unit entered Mode 3.
04/21	1520	Unit commenced startup, unit in Mode 2, Reactor critical.
04/22	1133	Unit entered Mode 1.
	1516	Unit sync to the grid ending 1RF08 refueling outage.
	2320	Unit holding at 28% for calorimetric
04/23	0430	Unit commenced ramp to 45% power.
04/24	1220	Unit stabilized at 45% power.
	1320	Unit commenced ramp to 80% power.
04/25	0430	Unit holding at 80% power.
04/27	0800	Unit commenced ramp to 100% power.
	1720	Unit returned to 100% power.
04/30	2400	Unit ended the month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445
 UNIT: CPSES 1
 DATE: 05/15/2001
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

REPORT MONTH: APRIL 2001

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
2a	010401	S	518.3	C	4	At 1336, on March 24, 2001, the unit initiated a manual reactor trip per procedure to begin 1RF08 refueling outage. The unit began the month of April in Mode 6 in 1RF08. The refueling was completed and the unit returned to power operations, sync to grid at 1516 on April 22, 2001. The unit returned to 100% power on April 27, 2001 at 1720.

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: 05/15/2001
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: ARRIL 2001 GROSS HOURS IN REPORTING PERIOD: 719
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	719.0	2,879.0	59,642
6 REACTOR RESERVE SHUTDOWN HOURS	0	0	2,366
7 HOURS GENERATOR ON LINE	719.0	2,879.0	59,237
8 UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,478,854	9,899,731	195,461,735
10 GROSS ELECTRICAL ENERGY GENERATED (MWH)	852,120	3,406,312	66,287,542
11 NET ELECTRICAL ENERGY GENERATED (MWH)	818,892	3,278,687	63,538,833
12 REACTOR SERVICE FACTOR	100.0	100.0	87.9
13 REACTOR AVAILABILITY FACTOR	100.0	100.0	91.4
14 UNIT SERVICE FACTOR	100.0	100.0	87.3
15 UNIT AVAILABILITY FACTOR	100.0	100.0	87.3
16 UNIT CAPACITY FACTOR (USING MDC)	99.0	99.0	81.4
17 UNIT CAPACITY FACTOR (USING DESIGN MWe)	99.0	99.0	81.4
18 UNIT FORCED OUTAGE RATE	0.0	0.0	3.3

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: 05/15/2001
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: APRIL 2001

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	1141
2	1141
3	1140
4	1140
5	1141
6	1139
7	1138
8	1138
9	1138
10	1137
11	1139
12	1138
13	1137
14	1138
15	1137
16	1137

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
17	1137
18	1137
19	1137
20	1136
21	1138
22	1138
23	1140
24	1141
25	1141
26	1141
27	1140
28	1142
29	1141
30	1141

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 05/15/2001
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

MONTH: APRIL 2001

DAY	TIME	REMARK/MODE
04/01	0000	Unit began the month at 100% power
	0200	Daylight Savings Time set clocks to 0300.
04/30	2400	Unit ended the month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446
 UNIT: CPSES 2
 DATE: 05/15/2001
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

REPORT MONTH: APRIL 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)
- 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