

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 10/ 8/98
COMPLETED BY: Bob Reible
TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD: SEPTEMBER 1998 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. REASON FOR RESTRICTION (IF ANY):
- | | THIS MONTH | YR TO DATE | CUMULATIVE |
|---|------------|------------|-------------|
| 5. NUMBER OF HOURS REACTOR WAS CRITICAL | 720 | 5,665 | 60,426 |
| 6. REACTOR RESERVE SHUTDOWN HOURS | 0 | 0 | 2,632 |
| 7. HOURS GENERATOR ON LINE | 720 | 5,640 | 59,750 |
| 8. UNIT RESERVE SHUTDOWN HOURS | 0 | 0 | 0 |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | 2,451,499 | 18,942,034 | 195,721,818 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 813,403 | 6,346,821 | 65,418,781 |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | 779,551 | 6,073,938 | 62,476,250 |
| 12. REACTOR SERVICE FACTOR | 100.0 | 86.5 | 84.8 |
| 13. REACTOR AVAILABILITY FACTOR | 100.0 | 86.5 | 88.4 |
| 14. UNIT SERVICE FACTOR | 100.0 | 86.1 | 83.8 |
| 15. UNIT AVAILABILITY FACTOR | 100.0 | 86.1 | 83.8 |
| 16. UNIT CAPACITY FACTOR (USING MDC) | 94.1 | 80.6 | 76.2 |
| 17. UNIT CAPACITY FACTOR (USING DESIGN MWe) | 94.1 | 80.6 | 76.2 |
| 18. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 3.8 |
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:
 21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): ACHIEVED

COMMERCIAL OPERATION 900813

* ESTIMATED
9810210070 981012
PDR ADOCK 05000445
R PDR

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-445
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DATE: 10/ 8/98
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MONTH: SEPTEMBER 1998

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1081	17	1088
2	1080	18	1089
3	1080	19	1088
4	1080	20	1087
5	1080	21	1087
6	1080	22	1086
7	1080	23	1086
8	1080	24	1087
9	1079	25	1087
10	1079	26	1087
11	1072	27	1086
12	1052	28	1085
13	1088	29	1083
14	1088	30	1083
15	1087	31	
16	1089		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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MONTH: SEPTEMBER 1998

DAY	TIME	REMARK/MODE
09/01	0000	Unit began the month at 100% power.
09/30	2400	Unit ended the month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445
 UNIT: CPSES 1
 DATE: 10/ 8/98
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

REPORT MONTH: SEPTEMBER 1998

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

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 2

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-446
 UNIT: CPSES 2
 DATE: 10/ 8/98
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD:	SEPTEMBER 1998	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. REASON FOR RESTRICTION (IF ANY):			
		THIS MONTH	YR TO DATE
			CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL		720	6,536
6. REACTOR RESERVE SHUTDOWN HOURS		0	15
7. HOURS GENERATOR ON LINE		720	6,532
8. UNIT RESERVE SHUTDOWN HOURS		0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)		2,281,630	21,242,002
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)		760,736	7,172,442
11. NET ELECTRICAL ENERGY GENERATED (MWH)		728,788	6,884,344
12. REACTOR SERVICE FACTOR		100.0	99.8
13. REACTOR AVAILABILITY FACTOR		100.0	100.0
14. UNIT SERVICE FACTOR		100.0	99.7
15. UNIT AVAILABILITY FACTOR		100.0	99.7
16. UNIT CAPACITY FACTOR (USING MDC)		88.0	91.4
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)		88.0	91.4
18. UNIT FORCED OUTAGE RATE		0.0	0.3
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:			
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	ACHIEVED		

COMMERCIAL OPERATION 930803

* ESTIMATED

AVERAGE DAILY UNIT POWER LEVEL

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MONTH: SEPTEMBER 1998

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	857	17	1104
2	858	18	1104
3	858	19	1101
4	858	20	1104
5	858	21	1100
6	857	22	1102
7	856	23	1102
8	859	24	1102
9	859	25	1102
10	858	26	1102
11	863	27	1101
12	1084	28	1102
13	1105	29	1099
14	1104	30	1099
15	1103	31	
16	1104		

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MONTH: SEPTEMBER 1998

DAY	TIME	REMARK/MODE
09/01	0000	Unit began the month at 81% Reactor power as a planned derate to ensure the turbine vibration level did not exceed established limits.
09/11	2100	Unit at 81% power. Commenced ramp to 100% power after planned derate to ensure the turbine vibration level did not exceed established limits.
09/12	0515	Unit completed ramp to 100% power.
09/30	2400	Unit ended the month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH: SEPTEMBER 1998

NO	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F:FORCED	S:SCHEDULED				
4b	980901		S		H	4	On 07/16 at 0000, unit power was reduced to 81% power to ensure the turbine blade vibration did not exceed established limits. This planned reduction was a conservative response to expected high summer temperatures. Unit began to ramp to 100% power on 09/11 at 2100. The Unit was returned to 100% power on 09/12 at 0515.

1) REASON

2) METHOD

- 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)
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- 1: MANUAL
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