

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1

NRC MONTHLY OPERATING REPORT

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

OPERATING STATUS

1. REPORTING PERIOD:	JULY 1998	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	4,201	58,962
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	2,632
7. HOURS GENERATOR ON LINE	744	4,176	58,286
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,533,272	13,954,510	190,734,294
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	840,453	4,693,176	63,765,136
11. NET ELECTRICAL ENERGY GENERATED (MWH)	805,262	4,489,356	60,891,608
12. REACTOR SERVICE FACTOR	100.0	82.6	84.4
13. REACTOR AVAILABILITY FACTOR	100.0	82.6	88.2
14. UNIT SERVICE FACTOR	100.0	82.1	83.5
15. UNIT AVAILABILITY FACTOR	100.0	82.1	83.5
16. UNIT CAPACITY FACTOR (USING MDC)	94.1	76.7	75.8
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	94.1	76.7	75.8
18. UNIT FORCED OUTAGE RATE	0.0	0.0	3.9
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:			
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	ACHIEVED		

COMMERCIAL OPERATION 900813

* ESTIMATED

9808240058 980817
PDR ADOCK 05000445
R PDR

AVERAGE DAILY UNIT POWER LEVEL

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MONTH: JULY 1998

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1088
2	1088
3	1089
4	1088
5	1089
6	1088
7	1087
8	1086
9	1086
10	1086
11	1086
12	1085
13	1084
14	1084
15	1083
16	1082

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1081
18	1080
19	1080
20	1080
21	1079
22	1080
23	1079
24	1068
25	1051
26	1081
27	1082
28	1082
29	1083
30	1083
31	1084

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445
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MONTH: JULY 1998

DAY	TIME	REMARK/MODE
07/01	0000	Unit began the month at 100% power.
07/31	2400	Unit ended the month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH: JULY 1998

METHOD OF
SHUTTING DOWN
THE REACTOR OR
REDUCING POWER

TYPE
F: FORCED
S: SCHEDULED

DURATION
(HOURS)

REASON

CORRECTIVE ACTIONS/COMMENTS

NO DATE

None

NONE

1) REASON

A: EQUIPMENT FAILURE (EXPLAIN)
B: MAINT (C² 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: 8/10/98
 COMPLETED BY: Bob Reible
 TELEPHONE: 254-897-0449

OPERATING STATUS

1. REPORTING PERIOD:	JULY 1998	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	5,072	37,176
6. REACTOR RESERVE SHUTDOWN HOURS	0	15	2,326
7. HOURS GENERATOR ON LINE	744	5,068	36,857
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,285,174	16,911,650	120,017,536
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	759,241	5,740,023	40,541,335
11. NET ELECTRICAL ENERGY GENERATED (MWH)	726,324	5,516,615	38,807,396
12. REACTOR SERVICE FACTOR	100.0	99.7	84.9
13. REACTOR AVAILABILITY FACTOR	100.0	100.0	90.3
14. UNIT SERVICE FACTOR	100.0	99.6	84.2
15. UNIT AVAILABILITY FACTOR	100.0	99.6	84.2
16. UNIT CAPACITY FACTOR (USING MDC)	84.9	94.3	77.1
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	84.9	94.3	77.1
18. UNIT FORCED OUTAGE RATE	0.0	0.4	5.1
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:			
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	ACHIEVED		

COMMERCIAL OPERATION 930803

* ESTIMATED

AVERAGE DAILY UNIT POWER LEVEL

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MONTH: JULY 1998

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	1104
2	1104
3	1103
4	1104
5	1106
6	1105
7	1104
8	1103
9	1101
10	1095
11	1067
12	1102
13	1101
14	1100
15	1099
16	887

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	859
18	859
19	858
20	859
21	858
22	859
23	859
24	859
25	859
26	858
27	859
28	858
29	858
30	859
31	859

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MONTH: JULY 1998

DAY	TIME	REMARK/MODE
07/01	0000	Unit began the month at 100% power.
07/16	0000	Commenced planned downpower to 80% power to ensure the turbine blade vibration level does not exceed established limits.
	0630	Unit level at 81% power (900MW Gross). Unit will remain at this level during high lake temperatures.
07/31	2400	Unit ended the month at 81% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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METHOD OF
SHUTTING DOWN
THE REACTOR OR
REDUCING POWER

TYPE
F: FORCED
S: SCHEDULED

DURATION
(HOURS)

REASON

NO

DATE

NO

4

H

S

980/16

4

CORRECTIVE ACTIONS/COMMENTS

On 07/16 at 0000, unit power was reduced to 81% power to ensure the turbine blade vibrations did not exceed established limits. This planned reduction was a conservative response to expected high summer temperatures.

1) REASON

A: EQUIPMENT FAILURE (EXPLAIN)
B: MAINT OR TEST
C: REFUELING
D: REGULATORY RESTRICTION

E: OPERATOR TRAINING AND LICENSE EXAMINATION
F: ADMINISTRATIVE
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2) METHOD

1: MANUAL
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