

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1  
NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 05/10/1995  
COMPLETED BY: Ed Sirois  
TELEPHONE: 817-897-5664

OPERATING STATUS

1. REPORTING PERIOD: APRIL 1995 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	354	1,846	33,059
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	2,440
7. HOURS GENERATOR ON LINE	278	1,768	32,514
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	697,466	5,737,572	104,672,678
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	224,340	1,917,756	34,814,383
11. NET ELECTRICAL ENERGY GENERATED (MWH)	201,915	1,825,332	33,188,779
12. REACTOR SERVICE FACTOR	49.3	64.1	80.0
13. REACTOR AVAILABILITY FACTOR	49.3	64.1	85.9
14. UNIT SERVICE FACTOR	38.6	61.4	78.7
15. UNIT AVAILABILITY FACTOR	38.6	61.4	78.7
16. UNIT CAPACITY FACTOR (USING MDC)	24.4	55.1	69.8
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	24.4	55.1	69.8
18. UNIT FORCED OUTAGE RATE	10.7	1.8	4.6
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH): Refueling Outage began March 4, 1995 and ended April 18, 1995.			
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  
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TELEPHONE: 817/897-5664

MONTH : APRIL 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	30
4	0	20	213
5	0	21	279
6	0	22	474
7	0	23	782
8	0	24	856
9	0	25	856
10	0	26	939
11	0	27	1099
12	0	28	1099
13	0	29	1101
14	0	30	1107
15	0	31	
16	0		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
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MONTH : APRIL 1995

DAY	TIME	REMARK/MODE
04/01	0000	Unit started the month in MODE 6.
04/02	0134	Unit entered MODE 5.
04/11	2102	Unit entered MODE 4.
04/13	0930	Unit entered MODE 3.
04/16	0532	Unit entered MODE 2.
04/17	2308	Unit entered MODE 1.
04/18	0107	Unit synchronized to the grid.
	0502	Unable to establish feed flow due to a stuck closed Feedwater Bypass Isolation Valve 1FW-0207. Unit taken off line and entered MODE 2.
04/19	1309	Feedwater Bypass Isolation valve repaired and Unit entered MODE 1.
	1415	Unit synchronized to the grid.
04/26	2200	Unit restored to full power.
04/30	2400	Unit ended the month in MODE 1.

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MONTH : APRIL 1995

DAY	TIME	REMARK/MODE
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Fourth Refueling Outage Major Work Scope

- Main Transformer 1MT2 Replacement
- Reactor Coolant Pump 1-04 Motor Changeout
- Upgrade of all four Reactor Coolant Pump Cartridge Seals
- Snubber Functional Testing
- Train A RHR Pump Coupling Design Modification
- Containment Spray Pumps (all four) Impeller Changeout
- Eddy Current Testing of Steam Generators 2 & 3
- Sludge Lancing of all four Steam Generators
- Trains A & B Diesel Generator Maintenance Inspections
- Local Leak Rate Testing
- Core Funnel Inspections
- HP Turbine Stop & Control Valve Inspections
- LP Turbine Stop & Control Valve Testing
- Eddy Current Testing of LP Turbine Blades
- Repair Groove on Main Generator Shaft
- RCS Check Valve Seat Leakage Testing
- Train A & B Integrated Test Sequence

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 05/10/1995  
COMPLETED BY: Ed Sirois  
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REPORT MONTH : APRIL 1995

NO	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
1	950401	S	408.00	C	1	Refueling outage (1RFO4) continue.
2	950418	F	33.22	A	1	Repaired Feedwater Bypass Isolation Valve.

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: 05/10/1995  
COMPLETED BY: Ed Sirois  
TELEPHONE: 817/897-5664

OPERATING STATUS

1. REPORTING PERIOD: APRIL 1995 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):
5. NUMBER OF HOURS REACTOR WAS CRITICAL
6. REACTOR RESERVE SHUTDOWN HOURS
7. HOURS GENERATOR ON LINE
8. UNIT RESERVE SHUTDOWN HOURS
9. GROSS THERMAL ENERGY GENERATED (MWH)
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)
11. NET ELECTRICAL ENERGY GENERATED (MWH)
12. REACTOR SERVICE FACTOR
13. REACTOR AVAILABILITY FACTOR
14. UNIT SERVICE FACTOR
15. UNIT AVAILABILITY FACTOR
16. UNIT CAPACITY FACTOR (USING MDC)
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)
18. UNIT FORCED OUTAGE RATE
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

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 05/10/1995  
COMPLETED BY: Ed Sirois  
TELEPHONE: 817/897-5664

MONTH : APRIL 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1118	17	1113
2	1117	18	1114
3	1113	19	1114
4	1113	20	1116
5	1116	21	1118
6	1118	22	1118
7	1116	23	1116
8	1100	24	1116
9	849	25	1118
10	8	26	1117
11	167	27	1115
12	945	28	1115
13	1116	29	1116
14	1117	30	1118
15	1119	31	
16	1118		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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MONTH : APRIL 1995

DAY	TIME	REMARK/MODE
04/01	0000	Unit started the month in MODE 1.
04/10	0504	As a result of a latching mechanism failure on the turbine overspeed device, the plant was taken off line and maintained in Mode 2 for repairs. Replaced the overspeed trip device release-mechanism connecting rods.
04/11	0726	Unit returned to MODE 1.
	0926	Unit synchronized to grid.
04/12	1500	Unit restored to full power.
04/30	2400	Unit ended the month in MODE 1.



UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH : APRIL 1995

NO	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
2	950410	F	28.37	A	1	Latching device failure. See previous page.

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)