

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

REVISION 1

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 02/14/1994  
COMPLETED BY: Janet Hughes  
TELEPHONE: 817-897-5331

OPERATING STATUS

1. REPORTING PERIOD: DECEMBER 1993 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):
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 900813

\* ESTIMATED

9402240147 931231  
PDR ADOCK 05000445  
R PDR

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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MONTH : DECEMBER 1993

DAY	TIME	REMARK/MODE
12/01	0000	Unit started month in MODE 5, during third refueling outage.
12/08	0553	Unit entered MODE 4.
12/09	2120	Unit entered MODE 3.
12/14	0033	Unit entered MODE 2.
	0810	Reactor is critical.
12/16	0230	Unit entered MODE 1.
	0310	Unit is back in MODE 2, as expected due to turbine overspeed tests.
	0418	Unit entered MODE 1.
	0501	Synchronized to the grid.
12/24	1146	Turbine/Reactor trip while troubleshooting turbine speed sensor. Unit entered MODE 3.
12/25	1710	Unit entered MODE 2.
	1746	Reactor is critical.
12/26	0813	Unit entered MODE 1.
	1006	Synchronized to the grid.
12/31	2400	Unit ended month in MODE 1.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH : DECEMBER 1993

NO	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F:FORCED	S:SCHEDULED				
14	931201	S		365.00	C	1	Third refueling outage.
15	931224	F		46.33	G	3	Technician in the process of troubleshooting the turbine speed sensor, inadvertently grounded the functional sensor resulting in 0 speed indication. The turning gear oil supply valve opened as designed causing drop in bearing oil pressure resulting in turbine trip and reactor trip. 1LER 93-011 submitted.

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

REVISION 1

DOCKET NO.: 50-446  
 UNIT: CPSES 2  
 DATE: 02/14/1994  
 COMPLETED BY: Janet Hughes  
 TELEPHONE: 817-897-5331

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 COMMERCIAL OPERATION 930803

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