



TUELECTRIC

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C. Lance Terry
Group Vice President

October 14, 1994

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES) - UNITS 1 AND 2
DOCKET NOS. 50-445 AND 50-446
MONTHLY OPERATING REPORT FOR SEPTEMBER 1994

Gentlemen:

Attached is the Monthly Operating Report for September 1994, prepared and submitted pursuant to Technical Specification 6.9.1.5 contained in Appendix A to the Comanche Peak Steam Electric Station Units 1 and 2 Operating License Nos. NPF-87 and NPF-89, respectively.

Sincerely,

C. L. Terry

By: D. R. Woodlan

D. R. Woodlan
Docket Licensing Manager

JMK/jmk

Attachment

c - Mr. L. J. Callan, Region IV
Mr. D. D. Chamberlain, Region IV
Resident Inspectors, CPSES (2)
Mr. T. A. Bergman, NRR

9410190163 940930
PDR ADDCK 05000445
R PDR

400 N. Olive L.B. 81 Dallas, Texas 75201

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

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 10/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

OPERATING STATUS

1. REPORTING PERIOD: SEPTEMBER 1994 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 | 6,504 | 29,043 |
| 6. REACTOR RESERVE SHUTDOWN HOURS | 0 | 47 | 2,401 |
| 7. HOURS GENERATOR ON LINE | 720 | 6,500 | 28,593 |
| 8. UNIT RESERVE SHUTDOWN HOURS | 0 | 0 | 0 |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | 2,449,997 | 21,932,213 | 91,682,018 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 813,716 | 7,327,376 | 30,462,633 |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | 781,363 | 7,035,413 | 29,031,264 |
| 12. REACTOR SERVICE FACTOR | 100.0 | 99.3 | 90.2 |
| 13. REACTOR AVAILABILITY FACTOR | 100.0 | 100.0 | 86.8 |
| 14. UNIT SERVICE FACTOR | 100.0 | 99.2 | 78.9 |
| 15. UNIT AVAILABILITY FACTOR | 100.0 | 99.2 | 78.9 |
| 16. UNIT CAPACITY FACTOR (USING MDC) | 94.4 | 93.4 | 69.7 |
| 17. UNIT CAPACITY FACTOR (USING DESIGN MWe) | 94.4 | 93.4 | 69.7 |
| 18. UNIT FORCED OUTAGE RATE | 0.0 | 0.8 | 4.9 |
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH) :
Refueling Outage scheduled to begin March 2, 1995 with an estimated duration of 9 weeks.
 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
UNIT: CPSES 1
DATE: 10/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : SEPTEMBER 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1088	17	1082
2	1086	18	1024
3	1086	19	1087
4	1086	20	1086
5	1086	21	1086
6	1085	22	1088
7	1085	23	1091
8	1085	24	1091
9	1085	25	1092
10	1086	26	1093
11	1087	27	1093
12	1085	28	1093
13	1086	29	1092
14	1084	30	1092
15	1084	31	
16	1085		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 10/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : SEPTEMBER 1994

DAY	TIME	REMARK/MODE
09/01	0000	Unit started month in MODE 1.
09/30	2400	Unit ended month in MODE 1.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 10/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

REPORT MONTH : SEPTEMBER 1994

NO	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
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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: 10/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

OPERATING STATUS

1. REPORTING PERIOD: SEPTEMBER 1994 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):
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) :
Refueling Outage began October 6, 1994 with an estimated duration of 70 days.
20. IF SHUTDOWN AT END OF REPORTING PERIOD, ESTIMATED DATE OF STARTUP: 11/21/1994
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: 10/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : SEPTEMBER 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1105	17	1101
2	1103	18	1101
3	1093	19	1102
4	1101	20	1095
5	1103	21	1108
6	1101	22	1104
7	1096	23	1104
8	1103	24	1107
9	1101	25	1104
10	1102	26	1116
11	1101	27	1104
12	1101	28	973
13	1102	29	219
14	1103	30	217
15	1102	31	
16	1102		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 10/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : SEPTEMBER 1994

DAY	TIME	REMARK/MODE
09/01	0000	Unit started month in MODE 1.
09/28	2010	Main Feedwater Pump 2B was taken out of service due to a failed bearing. Corrective maintenance included replacement of the failed bearing, damaged pump shaft and an inspection of the lube oil system to remove any debris from the failed bearing or debris that could have caused the bearing to fail.
09/30	2400	Unit ended in MODE 1 at 26% reactor power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 10/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

REPORT MONTH : SEPTEMBER 1994

NO	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
16	940928	F			A 4	Main Feedwater Pump 2B Bearing failed. 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)