



Log # TXX-94070
File # 10010.2
Ref. # 10CFR50.36

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March 15, 1994

William J. Cahill, Jr.
Group Vice President

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 FEBRUARY 1994

Gentlemen:

Attached is the Monthly Operating Report for February 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,

William J. Cahill, Jr.

By: D. R. Woodlan

D. R. Woodlan
Docket Licensing Manager

JMK/jmk

Attachment

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

9403180274 940228
PDR ADOCK 05000445
R PDR

© N. Olive Street 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: 03/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

OPERATING STATUS

1. REPORTING PERIOD: FEBRUARY 1994 GROSS HOURS IN REPORTING PERIOD: 672
 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 | 625 | 1,369 | 23,908 |
| 6. REACTOR RESERVE SHUTDOWN HOURS | 47 | 47 | 2,401 |
| 7. HOURS GENERATOR ON LINE | 621 | 1,365 | 23,458 |
| 8. UNIT RESERVE SHUTDOWN HOURS | 0 | 0 | 0 |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | 2,062,130 | 4,598,220 | 74,348,025 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 692,763 | 1,546,852 | 24,682,109 |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | 663,514 | 1,484,626 | 23,480,477 |
| 12. REACTOR SERVICE FACTOR | 93.0 | 96.7 | 76.9 |
| 13. REACTOR AVAILABILITY FACTOR | 100.0 | 100.0 | 84.6 |
| 14. UNIT SERVICE FACTOR | 92.4 | 96.4 | 75.4 |
| 15. UNIT AVAILABILITY FACTOR | 92.4 | 96.4 | 75.4 |
| 16. UNIT CAPACITY FACTOR (USING MDC) | 85.9 | 91.2 | 65.7 |
| 17. UNIT CAPACITY FACTOR (USING DESIGN MWe) | 85.9 | 91.2 | 65.7 |
| 18. UNIT FORCED OUTAGE RATE | 7.6 | 3.6 | 5.9 |
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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-445
UNIT: CSES 1
DATE: 03/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : FEBRUARY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	993	17	1106
2	0	18	1106
3	0	19	1105
4	355	20	1107
5	983	21	1105
6	1099	22	1098
7	1103	23	1103
8	1105	24	1105
9	1103	25	1104
10	1103	26	1104
11	1105	27	1105
12	1104	28	1105
13	1104	29	
14	1104	30	
15	1104	31	
16	1106		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 03/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : FEBRUARY 1994

DAY	TIME	REMARK/MODE
02/01	0000	Unit started month in MODE 1.
	2138	Turbine/Reactor trip due to spurious indication of low main generator stator primary cooling water flow.
02/03	2000	Unit entered MODE 2.
	2031	Reactor is critical.
02/04	0005	Unit entered MODE 1.
	0034	Synchronized to grid.
02/28	2400	Unit ended month in MODE 1.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 03/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

REPORT MONTH : FEBRUARY 1994

NO	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F:FORCED	S:SCHEDULED				
1	940201	F		50.93	A	3	Turbine/Reactor trip due to spurious indication of low main generator stator primary cooling water flow. LER 445/94-001 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

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 03/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

OPERATING STATUS

1. REPORTING PERIOD: FEBRUARY 1994 GROSS HOURS IN REPORTING PERIOD: 672
 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 | 672 | 1,416 | 4,706 |
| 6. REACTOR RESERVE SHUTDOWN HOURS | 0 | 0 | 327 |
| 7. HOURS GENERATOR ON LINE | 672 | 1,416 | 4,661 |
| 8. UNIT RESERVE SHUTDOWN HOURS | 0 | 0 | 0 |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | 1,545,139 | 4,016,522 | 14,634,480 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 509,180 | 1,349,590 | 4,936,817 |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | 481,799 | 1,290,287 | 4,722,093 |
| 12. REACTOR SERVICE FACTOR | 100.0 | 100.0 | 93.5 |
| 13. REACTOR AVAILABILITY FACTOR | 100.0 | 100.0 | 100.0 |
| 14. UNIT SERVICE FACTOR | 100.0 | 100.0 | 92.6 |
| 15. UNIT AVAILABILITY FACTOR | 100.0 | 100.0 | 92.6 |
| 16. UNIT CAPACITY FACTOR (USING L1DC) | 62.3 | 79.2 | 81.6 |
| 17. UNIT CAPACITY FACTOR (USING DESIGN MWe) | 62.3 | 79.2 | 81.6 |
| 18. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 1.2 |
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH) :
Mid Cycle Outage to conserve fuel and perform equipment maintenance to begin April 17, 1994, with an estimated duration of 47 days.
 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: 03/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : FEBRUARY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	867	17	572
2	890	18	570
3	850	19	571
4	859	20	571
5	596	21	575
6	572	22	567
7	579	23	572
8	575	24	598
9	757	25	629
10	1117	26	775
11	1111	27	766
12	881	28	764
13	873	29	
14	864	30	
15	578	31	
16	576		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 03/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : FEBRUARY 1994

DAY	TIME	REMARK/MODE
02/01	0000	Unit started month in MODE 1. Unit at 80% power, operating at reduced power for cycle optimization purposes.
02/04	2045	Reduced power to 55% for fuel cycle optimization purposes.
02/10	0055	Increased power to 100% to support TU Electric system demand.
02/11	2130	Reduce power to 80% for fuel cycle optimization purposes.
02/13	1145	MSRs were taken out of service for miscellaneous Balance of Plant maintenance.
02/14	2107	Reduced power to 55% for fuel cycle optimization purposes.
02/25	1755	Increased power to 73% for fuel optimization purposes.
02/27	0337	Feedwater Heater was taken out of service for preventive maintenance inspections and the associated Heater Drain Valves were repaired during this inspection.
02/28	2400	Unit ended month in MODE 1 with reactor power at 75%.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 03/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

REPORT MONTH : FEBRUARY 1994

NO	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F-FORCED	S-SCHEDULED				
2	940201		S		H	4	Reduced power operation for fuel cycle optimization purposes throughout the month. Major load changes indicated on 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)