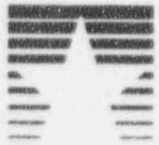

TU ELECTRIC

Log # TXX-95305
File # 10010.2
Ref. # 10CFR50.36

December 15, 1995

C. Lance Terry
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 NOVEMBER 1995

Gentlemen:

Attached is the Monthly Operating Report for November 1995, 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. Should you have any questions, please contact Jacob M. Kulangara at (214)812-8818.

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. W. D. Johnson, Region IV
Resident Inspector, CPSES (1)
Mr. T. J. Polich, NRR

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COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 12/12/95
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

OPERATING STATUS

1. REPORTING PERIOD: NOVEMBER 1995 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	673	6,795	38,008
6. REACTOR RESERVE SHUTDOWN HOURS	47	164	2,604
7. HOURS GENERATOR ON LINE	665	6,699	37,445
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9 GROSS THERMAL ENERGY GENERATED (MWH)	2,115,398	22,078,365	121,013,471
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	710,103	7,357,900	40,254,527
11. NET ELECTRICAL ENERGY GENERATED (MWH)	677,112	7,025,697	38,389,144
12. REACTOR SERVICE FACTOR	93.5	84.8	81.8
13. REACTOR AVAILABILITY FACTOR	100.0	86.8	87.4
14. UNIT SERVICE FACTOR	92.4	83.6	80.6
15. UNIT AVAILABILITY FACTOR	92.4	83.6	80.6
16. UNIT CAPACITY FACTOR (USING MDC)	81.8	76.2	71.9
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	81.8	76.2	71.9
18. UNIT FORCED OUTAGE RATE	7.6	3.4	4.5

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: CPSES 1
DATE: 12/12/95
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

MONTH: NOVEMBER 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1106	17	1105
2	1106	18	1106
3	1107	19	801
4	1107	20	0
5	1107	21	0
6	1104	22	174
7	1110	23	897
8	1106	24	1120
9	1107	25	1044
10	1109	26	236
11	1107	27	795
12	1107	28	1095
13	1108	29	1107
14	1107	30	1108
15	1107	31	
16	1107		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 12/12/95
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

MONTH: NOVEMBER 1995

DAY	TIME	REMARK/MODE
11/01	0000	Unit started month in MODE 1 at 100% power.
11/19	1735	Main Feedwater Pump 1A Recirculation Valve failed open, due to failure of 7300 card resulting from blown fuse on the tracking driver card. During the transient, Main Feedwater Pump 1B tripped on low suction pressure. After manual isolation of the failed Recirculation Valve, the Steam Generator 1-02 level increased to High-High level causing turbine and reactor trip. Replaced the tracking driver card.
11/21	1617	Unit entered MODE 2.
11/21	1649	Reactor critical.
11/21	2345	Unit entered MODE 1.
11/22	0020	Restored the Main Feedwater Pump 1A Recirculation Valve to service following trouble-shooting; unit synchronized to the grid and increased turbine loading.
11/23	1610	Unit returned to 100% power.
11/25	2030	Initiated power reduction to 30% level to restore Steam Generator chemistry due to resin intrusion from Steam Generator Blowdown System. Verified blowdown integrity and maximized blowdown flow for Steam Generator cleanup.
11/28	0607	Completed cleanup of all Steam Generators; Unit restored to 100% power.
11/30	2400	Unit ended month in MODE 1 at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 12/12/95
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

REPORT MONTH: NOVEMBER 1995

NO	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
9	951119	F	55.0	A	3	Main Feedwater Pump 1A Recirculation Valve failed open due to failure of 7300 card. Turbine and the reactor tripped upon Steam Generator High-High level after manual isolation of the Recirculation Valve. See previous page. LER 445/95-007-00 to be submitted.
10	951125	F		H	4	Power level reduced to 30% to restore Steam Generator chemistry. 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)

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 2

NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 12/12/95
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

OPERATING STATUS

1. REPORTING PERIOD: NOVEMBER 1995 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	7,758	16,875
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	2,154
7. HOURS GENERATOR ON LINE	720	7,719	16,659
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,447,148	26,147,071	53,446,997
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	835,182	8,831,365	17,987,420
11. NET ELECTRICAL ENERGY GENERATED (MWH)	803,550	8,478,000	17,172,956
12. REACTOR SERVICE FACTOR	100.0	96.8	82.8
13. REACTOR AVAILABILITY FACTOR	100.0	96.8	93.3
14. UNIT SERVICE FACTOR	100.0	96.3	81.7
15. UNIT AVAILABILITY FACTOR	100.0	96.3	81.7
16. UNIT CAPACITY FACTOR (USING MDC)	97.0	92.0	73.2
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	97.0	92.0	73.2
18. UNIT FORCED OUTAGE RATE	0.0	0.7	7.2

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
Refueling Outage scheduled to begin February 22, 1996 with an estimated duration of 42 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: 12/12/95
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

MONTH: NOVEMBER 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1119	17	1119
2	1119	18	1119
3	1120	19	1119
4	1120	20	1106
5	1120	21	1119
6	1119	22	1120
7	1119	23	1119
8	1119	24	1119
9	1119	25	1120
10	1103	26	1120
11	1048	27	1120
12	1119	28	1122
13	1119	29	1119
14	1117	30	1119
15	1119	31	
16	1120		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.:	50-446
UNIT:	CPSES 2
DATE:	12/12/95
COMPLETED BY:	Bob Reible
TELEPHONE:	817-897-0449

MONTH: NOVEMBER 1995

DAY	TIME	REMARK/MODE
11/01	0000	Unit started month in MODE 1 at 100 % power.
11/30	2400	Unit ended month in MODE 1 at 100 % power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 12/12/95
COMPLETED BY: Bob Reible
TELEPHONE: 817-897-0449

REPORT MONTH: NOVEMBER 1995

NO	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
NONE						

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)