Attachment to TXX-94041 Page 9 of 13

## 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		

900813

#### 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):

	Concentration of the concentration of the concentration	THIS MONTH	YR TO DATE	CUMULATIVE
Б.	NUMBER OF HOURS REACTOR WAS CRITICAL	394	7,020	22,539
6.	REACTOR RESERVE SHUTDOWN HOURS	30	95	2,354
7.	HOURS GENERATOR ON LINE	333	6,934	22,093
8.	UNIT RESERVE SHUTDOWN HOURS	0	0	0
9.	GROSS THERMAL ENERGY GENERATED (MWH)	794,170	22,453,978	69,749,805
10,	GROSS ELECTRICAL ENERGY GENERATED (MWH)	259,508	7,500,092	23,135,257
11.	NET ELECTRICAL ENERGY GENERATED (MWH)	232,055	7,153,475	21,995,851
12.	REACTOR SERVICE FACTOR	52.9	80.1	75.9
13.	REACTOR AVAILABILITY FACTOR	57.0	81.2	83.9
14.	UNIT SERVICE FACTOR	44.7	79.2	74.4
15.	UNIT AVAILABILITY FACTOR	44.7	79.2	74.4
16.	UNIT CAPACITY FACTOR (USING MDC)	27.1	71.0	64.4
17.	UNIT CAPACITY FACTOR (USING DESIGN MWe)	27.1	71.0	64.4
18.	UNIT FORCED OUTAGE RATE	12.2	1.9	6.1

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

ESTIMATED

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## SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

REVISION 1

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

MONTH : DEC	EMBER 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	Syncronized 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	Syncronized to the grid.
12/31	2400	Unit ended month in MODE 1.

#### UNIT SHUTDOWNS AND POWER REDUCTIONS

**REVISION 1** 

DOCKET N	10.:	50-445	
UNIT:		CPSES 1	
DATE:		02/14/1	394
COMPLETI	ED BY:	Janet Hu	ghes
TELEPHON	IE:	817-897	-5331

#### REPORT MONTH : DECEMBER 1993

NQ	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
14	931201	S	365.00	Ċ		Third refueling outage.
15	931224	F	46.33	G	3	Technician in the precess 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.

11 REASON

- B: MAINT OR TEST
- C: REFUELING
- D: REGULATORY RESTRICTION
- A: EQUIPMENT FAILURE (EXPLAIN) E: OPERATOR TRAINING AND LICENSE EXAMINATION
  - F: ADMINISTRATIVE
  - G: OPERATIONAL ERROR (EXPLAIN)
    - H: OTHER (EXPLAIN)

2) METPOD

- 1: MANUAL 2: MANUAL SCRAM 3: AUTOMATIC SCRAM
  - 4: OTHER (EXPLAIN)

Attachment to TXX-94041 - Page 12 of 13

# 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

THIS MONTH VE TO DATE CUMULATIVE

930803

#### 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):

		THIS MONTH	TR TU DATE	CUMULATIVE
5.	NUMBER OF HOURS REACTOR WAS CRITICAL	744	3,289	3,289
6.	REACTOR RESERVE SHUTDOWN HOURS	0	327	327
7.	HOURS GENERATOR ON LINE	744	3,245	3,245
8,	UNIT RESERVE SHUTDOWN HOURS	0	0	0
9.	GROSS THERMAL ENERGY GENERATED (MWH)	2,512,502	10,617,958	10,617,958
10,	GROSS ELECTRICAL ENERGY GENERATED (MWH)	855,730	3,587,227	3,587,227
11,	NET ELECTRICAL ENERGY GENERATED (MWH)	822,318	3,431,806	3,431,806
12.	REACTOR SERVICE FACTOR	100.0	91.0	91.0
13.	REACTOR AVAILABILITY FACTOR	100.0	100.0	100.0
14,	UNIT SERVICE FACTOR	100.0	89.8	89.8
15.	UNIT AVAILABILITY FACTOR	100.0	89.8	89.8
16.	UNIT CAPACITY FACTOR (USING MDC)	96.1	82.5	82.5
17.	UNIT CAPACITY FACTOR (USING DESIGN MWe)	96.1	82.5	
	UNIT FORCED OUTAGE RATE	0.0		82.5
	CLU (TEALING SELEN) LESS SUBSI	Sec. 10	1.7	1.7

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

\* ESTIMATED