

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

DOCKET NO:	<u>50-445</u>
UNIT:	<u>CPSES 1</u>
DATE:	<u>September 10, 1993</u>
COMPLETED BY:	<u>Janet Hughes</u>
TELEPHONE:	<u>817-897-5331</u>

OPERATING STATUS

1. Reporting Period: AUGUST 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. Reasons for restriction (if any):
- | | THIS MONTH | YR TO DATE | CUMULATIVE |
|--|-------------------------|------------|------------|
| 5. Number of hours reactor was critical | 744 | 5,766 | 21,284 |
| 6. Reactor reserve shutdown hours | 0 | 65 | 2,324 |
| 7. Hours generator on line | 744 | 5,742 | 20,900 |
| 8. Unit reserve shutdown hours | 0 | 0 | 0 |
| 9. Gross thermal energy generated (MWH) | 2,522,482 | 18,772,428 | 66,068,255 |
| 10. Gross electrical energy generated (MWH) | 833,587 | 6,281,270 | 21,916,435 |
| 11. Net electrical energy generated (MWH) | 797,753 | 6,008,690 | 20,851,066 |
| 12. Reactor Service factor | 100.0 | 98.9 | 79.6 |
| 13. Reactor availability factor | 100.0 | 100.0 | 88.3 |
| 14. Unit service factor | 100.0 | 98.5 | 78.1 |
| 15. Unit availability factor | 100.0 | 98.5 | 78.1 |
| 16. Unit capacity factor (Using MDC) | 93.2 | 89.7 | 67.8 |
| 17. Unit capacity factor (Using Design MWe) | 93.2 | 89.7 | 67.8 |
| 18. Unit forced outage rate | 0 | 1.5 | 6.2 |
| 19. Shutdowns scheduled over next 6 months (Type, Date, and Duration of each): | Refueling Outage Number | | |
| 3 is scheduled to begin October 8, 1993, with a nominal duration of 70 days. | | | |
| 20. If shutdown at end of report period, estimated date of startup: | | | |
| 21. Units in test status (prior to commercial operation): | ACHIEVED | | |

Commercial Operation 900813

* Estimated

9309160288 930913
 PDR ADDCK 05000445
 R PDR

AVERAGE DAILY UNIT POWER LEVEL

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MONTH: AUGUST 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1086	17	1077
2	1084	18	1078
3	1084	19	1078
4	1083	20	1076
5	1087	21	1075
6	1071	22	1076
7	902	23	1077
8	1069	24	1076
9	1078	25	1078
10	1078	26	1076
11	1078	27	1077
12	1078	28	1076
13	1078	29	1077
14	1077	30	1079
15	1078	31	1077
16	1077		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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MONTH: AUGUST 1993

08/01	0000	Unit started month in MODE 1.
08/07	0702	Valve 1-LV-2509 Extraction Steam Drip Pot Drain Valve was not controlling properly. The valve was taken out of service, reworked and restored to service.
08/31	2400	Unit ended month in MODE 1.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-445
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REPORT MONTH AUGUST 1993

NO.	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F:FORCED	S:SCHEDULED				
11	930807	F		0	A	4	Valve 1-LV-2509 was not controlling properly, see previous page.

- | | |
|--|--------------------|
| 1) REASON | 2) METHOD |
| A: EQUIPMENT FAILURE (EXPLAIN) | 1: MANUAL |
| B: MAINT OR TEST | 2: MANUAL SCRAM |
| C: REFUELING | 3: AUTOMATIC SCRAM |
| D: REGULATORY RESTRICTION | 4: OTHER (EXPLAIN) |
| E: OPERATOR TRAINING AND LICENSE EXAMINATION | |
| F: ADMINISTRATIVE | |
| G: OPERATIONAL ERROR (EXPLAIN) | |
| H: OTHER (EXPLAIN) | |

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 2
NRC MONTHLY OPERATING REPORT

DOCKET NO:	50-446
UNIT:	CPSES 2
DATE:	September 10, 1993
COMPLETED BY:	Janet Hughes
TELEPHONE:	817-897-5331

OPERATING STATUS

- Reporting Period: AUGUST 1993** Gross hours in reporting period: 57 (prior to Commercial Operation)
- Currently authorized power level (MWt): 3411 Max. depend. capacity (MWe-Net): 1150 * Design
Electrical Rating (MWe-Net): 1150
- Power level to which restricted (if any) (MWe-Net): NONE
- Reasons for restriction (if any):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of hours reactor was critical	57	1,519	1,519
6. Reactor reserve shutdown hours	0	1,254	1,254
7. Hours generator on line	57	1,363	1,363
8. Unit reserve shutdown hours	0	0	0
9. Gross thermal energy generated (MWH)	178,865	2,742,190	2,742,190
10. Gross electrical energy generated (MWH)	59,613	834,413	834,413
11. Net electrical energy generated (MWH)	57,023	746,930	746,930
12. Reactor Service factor	NA	NA	NA
13. Reactor availability factor	NA	NA	NA
14. Unit service factor	NA	NA	NA
15. Unit availability factor	NA	NA	NA
16. Unit capacity factor (Using MDC)	NA	NA	NA
17. Unit capacity factor (Using Design MWe)	NA	NA	NA
18. Unit forced outage rate	NA	NA	NA
19. Shutdowns scheduled over next 6 months (Type, Date, and Duration of each):			

20. If shutdown at end of report period, estimated date of startup:

21. Units in test status (prior to commercial operation):	FORECAST	ACHIEVED
Initial Criticality	<u>930320</u>	<u>930324</u>
Initial Electricity	<u>930330</u>	<u>930409</u>
* Estimated ** Pre-Commercial Operation Period	<u>930801</u>	<u>930803</u>

**COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 2
NRC MONTHLY OPERATING REPORT**

DOCKET NO:	50-446
UNIT:	<u>CPSES 2</u>
DATE:	<u>September 10, 1993</u>
COMPLETED BY:	<u>Janet Hughes</u>
TELEPHONE:	<u>817-897-5331</u>

OPERATING STATUS

1. Reporting Period: AUGUST 1993** Gross hours in reporting period: 687 (Commercial)
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. Reasons for restriction (if any):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of hours reactor was critical	687	687	687
6. Reactor reserve shutdown hours	0	0	0
7. Hours generator on line	687	687	687
8. Unit reserve shutdown hours	0	0	0
9. Gross thermal energy generated (MWH)	2,327,446	2,327,446	2,327,446
10. Gross electrical energy generated (MWH)	782,617	782,617	782,617
11. Net electrical energy generated (MWH)	751,734	751,734	751,734
12. Reactor Service factor	100.0	100.0	100.0
13. Reactor availability factor	100.0	100.0	100.0
14. Unit service factor	100.0	100.0	100.0
15. Unit availability factor	100.0	100.0	100.0
16. Unit capacity factor (Using MDC)	95.2	95.2	95.2
17. Unit capacity factor (Using Design MWe)	95.2	95.2	95.2
18. Unit forced outage rate	0	0	0
19. Shutdowns scheduled over next 6 months (Type, Date, and Duration of each):			

20. If shutdown at end of report period, estimated date of startup:

21. Units in test status (prior to commercial operation):	FORECAST	ACHIEVED
Initial Criticality	<u>930320</u>	<u>930324</u>
Initial Electricity	<u>930330</u>	<u>930409</u>
Commercial Operation	<u>930801</u>	<u>930803</u>

* Estimated

** Commercial Operation Period

AVERAGE DAILY UNIT POWER LEVEL

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TELEPHONE: 817-897-5331

MONTH: AUGUST 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	865	17	1099
2	1101	18	1099
3	1103	19	1099
4	1101	20	1093
5	1101	21	1097
6	1101	22	1099
7	1101	23	1099
8	1101	24	1099
9	1101	25	1101
10	1101	26	1101
11	1101	27	1102
12	1102	28	1098
13	1103	29	1098
14	1099	30	1103
15	1099	31	1101
16	1099		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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MONTH: AUGUST 1993

08/01	0000	Unit started month in MODE 1 ramping to full power following 100% Load Rejection Test.
08/03	0905	Unit placed into Commercial Operation.
08/31	2400	Unit ended month in MODE 1.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH AUGUST 1993

NO.	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
14	930801	S	0	B	4	100% Load Rejection Test from 100% Power Plateau.

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)