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August 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 JULY 1994

Gentlemen:

Attached is the Monthly Operating Report for July 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.
William J. Cahill, Jr.

By: *Roger D. Walker*

Roger D. Walker
Regulatory Affairs Manager

JMK/jmk

Attachment

c - Mr. L. J. Callan, Region IV
Ms. M. A. Miller, Region IV
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Mr. T. A. Bergman, NRR

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

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 08/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

OPERATING STATUS

1. REPORTING PERIOD: JULY 1994 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 | YR TO DATE | CUMULATIVE |
|---|------------|------------|------------|
| 5. NUMBER OF HOURS REACTOR WAS CRITICAL | 744 | 5,040 | 27,579 |
| 6. REACTOR RESERVE SHUTDOWN HOURS | 0 | 47 | 2,401 |
| 7. HOURS GENERATOR ON LINE | 744 | 5,036 | 27,129 |
| 8. UNIT RESERVE SHUTDOWN HOURS | 0 | 0 | 0 |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | 2,531,710 | 16,975,507 | 86,725,312 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 838,252 | 5,684,268 | 28,819,525 |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | 804,503 | 5,458,439 | 27,454,290 |
| 12. REACTOR SERVICE FACTOR | 100.0 | 99.1 | 79.3 |
| 13. REACTOR AVAILABILITY FACTOR | 100.0 | 100.0 | 86.2 |
| 14. UNIT SERVICE FACTOR | 100.0 | 99.0 | 78.0 |
| 15. UNIT AVAILABILITY FACTOR | 100.0 | 99.0 | 78.0 |
| 16. UNIT CAPACITY FACTOR (USING MDC) | 94.0 | 93.3 | 68.7 |
| 17. UNIT CAPACITY FACTOR (USING DESIGN MWe) | 94.0 | 93.3 | 68.7 |
| 18. UNIT FORCED OUTAGE RATE | 0.0 | 1.0 | 5.2 |
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

* ESTIMATE

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 08/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : JULY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1087	17	1082
2	1088	18	1082
3	1087	19	1081
4	1083	20	1081
5	1089	21	1082
6	1088	22	1076
7	1089	23	1008
8	1088	24	1079
9	1088	25	1079
10	1088	26	1079
11	1087	27	1081
12	1087	28	1081
13	1086	29	1082
14	1084	30	1082
15	1083	31	1084
16	1083		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 08/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : JULY 1994

DAY	TIME	REMARK/MODE
07/01	0000	Unit started month in MODE 1.
07/31	2400	Unit ended month in MODE 1.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445
UNIT: CPSES 1
DATE: 08/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

REPORT MONTH : JULY 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: 08/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

OPERATING STATUS

1. REPORTING PERIOD: JULY 1994 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	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	728	3,407	6,695
6. REACTOR RESERVE SHUTDOWN HOURS	16	1,680	2,008
7. HOURS GENERATOR ON LINE	724	3,337	6,582
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	2,417,832	9,435,043	20,053,001
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	808,280	3,136,430	6,723,657
11. NET ELECTRICAL ENERGY GENERATED (MWH)	773,340	2,957,168	6,388,974
12. REACTOR SERVICE FACTOR	97.9	67.0	76.9
13. REACTOR AVAILABILITY FACTOR	100.0	100.0	100.0
14. UNIT SERVICE FACTOR	97.3	65.6	75.6
15. UNIT AVAILABILITY FACTOR	97.3	65.6	75.6
16. UNIT CAPACITY FACTOR (USING MDC)	90.4	50.5	63.8
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	90.4	50.5	63.8
18. UNIT FORCED OUTAGE RATE	0.0	23.1	13.8

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH) :
Refueling Outage scheduled to begin September 29, 1994 with an estimated duration of 70 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: 08/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : JULY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1031	17	1091
2	1097	18	1100
3	1101	19	1095
4	1100	20	1096
5	1100	21	1095
6	1099	22	1095
7	1104	23	1093
8	1069	24	1092
9	58	25	1091
10	456	26	1093
11	1099	27	1095
12	1098	28	1095
13	1098	29	1096
14	1097	30	1096
15	1098	31	1097
16	1098		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 08/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

MONTH : JULY 1994

DAY	TIME	REMARK/MODE
07/01	0000	Unit started month in MODE 1.
07/08	2030	Commenced power reduction to MODE 3 for Main Generator Current Transformer repairs. Thermography indicated that conduits and cables to current transformers were overheating due to electro-magnetic field inducing heating in ferromagnetic conduit.
07/09	0601	Tripped Main Turbine Generator, unit off the grid.
	0602	Unit entered MODE 2.
	0707	Unit entered MODE 3. Following MODE 3 entry, replaced cables with high temperature design and conduits with non-ferromagnetic material.
	2108	Unit entered MODE 2.
	2148	Reactor is critical.
07/10	0054	Unit entered MODE 1.
	0150	Synchronized to the grid.
07/31	2400	Unit ended month in MODE 1.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446
UNIT: CPSES 2
DATE: 08/11/1994
COMPLETED BY: Janet Hughes
TELEPHONE: 817-897-5331

REPORT MONTH : JULY 1994

NO	DATE	TYPE F:FORCED S:SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
11	940709	S	20.00	A	1	Conduits to Main Generator Current Transformer overheating. 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
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2) METHOD

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