

WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

MONTHLY OPERATING REPORT

MONTH:     MAY     YEAR:   1994  

Docket No.: 50-482

Facility Operating License No.: NPF-42

Report No.   111

SUMMARY

The following report highlights the operating experience of Wolf Creek Generating Station for the month of May, 1994. This report is being provided pursuant to Technical Specification 6.9.1.8.

I. SUMMARY OF OPERATING EXPERIENCE

The unit operated at or near 100% power until May 21, 1994, at 1025 hours CDT, when power was reduced to 90% for condenser tube cleaning. The unit was returned to 100% power on May 23, 1994, at 1300 hours CDT, and continued to operate at or near 100% power for the remainder of the month of May.

II. MAJOR SAFETY RELATED MAINTENANCE ACTIVITIES

No major safety related maintenance was performed during the month of May.

OPERATING DATA REPORT  
DOCKET NO. 50-482  
WOLF CREEK GENERATING STATION  
WOLF CREEK NUCLEAR OPERATING CORPORATION  
DATE 06-01-94  
COMPLETED BY M. Williams  
TELEPHONE 316-364-8831

## OPERATING STATUS

1. Reporting Period: May, 1994 Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (Mwt): 3565 Max. Depend. Capacity (MWe-Net): 1134  
Design Electrical Rating (MWe-Net): 1170
3. Power Level to Which Restricted (If Any) (MWe-Net): N/A
4. Reasons for Restriction (If Any): N/A
- |   | This Month       | Yr. to Date       | Cumulative         |
|---|------------------|-------------------|--------------------|
| 5. Number of Hours Reactor was Critical     | <u>744.0</u>     | <u>3,542.2</u>    | <u>61,904.6</u>    |
| 6. Reactor Reserve Shutdown Hours           | <u>0.0</u>       | <u>0.0</u>        | <u>339.8</u>       |
| 7. Hours Generator on Line                  | <u>744.0</u>     | <u>3,505.7</u>    | <u>61,159.1</u>    |
| 8. Unit Reserve Shutdown Hours              | <u>0.0</u>       | <u>0.0</u>        | <u>0.0</u>         |
| 9. Gross Thermal Energy Generated (MWH)     | <u>2,597,022</u> | <u>12,053,424</u> | <u>201,317,835</u> |
| 10. Gross Electrical Energy Generated (MWH) | <u>901,230</u>   | <u>4,196,206</u>  | <u>70,049,755</u>  |
| 11. Net Electrical Energy Generated (MWH)   | <u>866,616</u>   | <u>4,029,361</u>  | <u>66,875,033</u>  |
| 12. Reactor Service Factor                  | <u>100.0</u>     | <u>97.8</u>       | <u>80.8</u>        |
| 13. Reactor Availability Factor             | <u>100.0</u>     | <u>97.8</u>       | <u>81.2</u>        |
| 14. Unit Service Factor                     | <u>100.0</u>     | <u>96.8</u>       | <u>79.8</u>        |
| 15. Unit Availability Factor                | <u>100.0</u>     | <u>96.8</u>       | <u>79.8</u>        |
| 16. Unit Capacity Factor (Using MDC)        | <u>102.7</u>     | <u>98.1</u>       | <u>77.1</u>        |
| 17. Unit Capacity Factor (Using Design MWe) | <u>99.6</u>      | <u>95.1</u>       | <u>74.6</u>        |
| 18. Unit Forced Outage Rate                 | <u>0.0</u>       | <u>1.7</u>        | <u>5.5</u>         |
19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of each):  
Refueling outage scheduled to begin September 15, 1994, lasting 58 days
20. If Shut Down at End of Report Period, Estimate Date of Startup: N/A

AVERAGE DAILY UNIT POWER LEVEL  
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MONTH May, 1994

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	1183
2	1182
3	1184
4	1182
5	1182
6	1163
7	1181
8	1182
9	1181
10	1180
11	1180
12	1178
13	1174
14	1176
15	1178
16	1174

17	1172
18	1171
19	1170
20	1151
21	1067
22	1057
23	1123
24	1168
25	1168
26	1168
27	1160
28	1170
29	1172
30	1170
31	1166

## UNIT SHUTDOWN AND POWER REDUCTIONS

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No	Date	Type	DURATION (Hours)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED S: SCHEDULED				
1	5/21/94	S	51	H	5	Condenser Tube Cleaning

**SUMMARY:** The unit operated at or near 100% power until May 21, 1994, at 1025 hours CDT, when power was reduced to 90% for condenser tube cleaning. The unit was returned to 100% power on May 23, 1994, at 1300 hours CDT, and continued to operate at or near 100% power for the remainder of the month of May.

1) REASON: A: EQUIPMENT FAILURE (EXPLAIN) E: OPERATOR TRAINING AND LICENSE EXAMINATION (2) METHOD: 1. MANUAL  
 B: MAINTENANCE OR TEST F: ADMINISTRATIVE 2. MANUAL SCRAM  
 C: REFUELING G: OPERATIONAL ERROR (EXPLAIN) 3. AUTOMATIC SCRAM  
 D: REGULATORY RESTRICTION H: OTHER (EXPLAIN) 4. CONTINUED  
 5. REDUCED LOAD  
 9. OTHER

WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

UNIT NO. 1

MONTH May, 1994

SUMMARY OF OPERATING EXPERIENCE

Listed below in chronological sequence is a summary of operating experiences for this month which required load reduction or resulted in significant non-load related incidents.

<u>DATE</u>	<u>TIME</u>	<u>EVENT</u>
May 1, 1994	0000 hours	Unit at 100% power.
May 31, 1994	2400 hours	Unit at 100% power.