

WOLF CREEK

NUCLEAR OPERATING CORPORATION

Richard N. Johannes
Chief Administrative Officer

August 15, 1994

CO 94-0019

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Station P1-137
Washington, D. C. 20555

Subject: Docket No. 50-482: July, 1994, Monthly
Operating Report

Gentlemen:

Attached is the July, 1994, Monthly Operating Report for Wolf Creek Generating Station. This submittal is being made in accordance with the requirements of Technical Specification 6.9.1.8.

Very truly yours,


Richard N. Johannes

RNJ/jad

Attachment

cc: L. J. Callan (NRC), w/a
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WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

MONTHLY OPERATING REPORT

MONTH: JULY YEAR: 1994

Docket No.: 50-482

Facility Operating License No.: NPF-42

Report No. 113

SUMMARY

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

I. SUMMARY OF OPERATING EXPERIENCE

The unit operated at about 96% power from July 1 through July 17 due to main condenser tube fouling. On July 17, when a switchyard breaker opened, power was reduced to 80%. The breaker was reclosed after 1 hour and power was restored to approximately 96%, where it remained until July 19. Condenser tube cleaning on July 19 and July 20 allowed the unit to return to full power for the remainder of the month of July.

II. MAJOR SAFETY RELATED MAINTENANCE ACTIVITIES

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

OPERATING DATA REPORT
DOCKET NO. 50-482
WOLF CREEK GENERATING STATION
WOLF CREEK NUCLEAR OPERATING CORPORATION
DATE 08-01-94
TELEPHONE 316-364-8831

OPERATING STATUS

1. Reporting Period: July, 1994 Gross Hours in Reporting Period: 744
 2. Currently Authorized Power Level (MWt): 3565 Max. Depend. Capacity (MWe-Net): 1160
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>5,006.2</u> | <u>63,368.6</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>4,969.7</u> | <u>62,623.1</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>2,573,456</u> | <u>17,147,776</u> | <u>206,412,187</u> |
| 10. Gross Electrical Energy Generated (MWH) | <u>880,689</u> | <u>5,943,779</u> | <u>71,797,328</u> |
| 11. Net Electrical Energy Generated (MWH) | <u>845,865</u> | <u>5,708,279</u> | <u>68,553,951</u> |
| 12. Reactor Service Factor | <u>100.0</u> | <u>98.4</u> | <u>81.1</u> |
| 13. Reactor Availability Factor | <u>100.0</u> | <u>98.4</u> | <u>81.6</u> |
| 14. Unit Service Factor | <u>100.0</u> | <u>97.7</u> | <u>80.2</u> |
| 15. Unit Availability Factor | <u>100.0</u> | <u>97.7</u> | <u>80.2</u> |
| 16. Unit Capacity Factor (Using MDC) | <u>98.0</u> | <u>98.3</u> | <u>77.5</u> |
| 17. Unit Capacity Factor (Using Design MWe) | <u>97.2</u> | <u>95.9</u> | <u>75.0</u> |
| 18. Unit Forced Outage Rate | <u>0.0</u> | <u>1.2</u> | <u>5.3</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

DOCKET NO. 50-482

WOLF CREEK GENERATING STATION

WOLF CREEK NUCLEAR OPERATING CORPORATION

DATE 08-01-94TELEPHONE 316-364-8831MONTH July, 1994DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|------|
| 1 | 1127 |
| 2 | 1137 |
| 3 | 1124 |
| 4 | 1125 |
| 5 | 1124 |
| 6 | 1123 |
| 7 | 1127 |
| 8 | 1128 |
| 9 | 1156 |
| 10 | 1147 |
| 11 | 1129 |
| 12 | 1122 |
| 13 | 1118 |
| 14 | 1117 |
| 15 | 1114 |
| 16 | 1116 |

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|------|
| 17 | 1091 |
| 18 | 1105 |
| 19 | 1110 |
| 20 | 1157 |
| 21 | 1160 |
| 22 | 1152 |
| 23 | 1157 |
| 24 | 1153 |
| 25 | 1161 |
| 26 | 1162 |
| 27 | 1165 |
| 28 | 1159 |
| 29 | 1153 |
| 30 | 1164 |
| 31 | 1164 |

UNIT SHUTDOWN AND POWER REDUCTIONS

DOCKET NO. 50-482

WOLF CREEK GENERATING STATION

WOLF CREEK NUCLEAR OPERATING CORPORATION

DATE 08-01-94

TELEPHONE 316-364-8831

| No | Date | Type F: FORCED S: SCHEDULED | DURATION (Hours) | REASON (1) | METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2) | CORRECTIVE ACTIONS/COMMENTS |
|----|---------|-----------------------------------|---------------------|---------------|---|---|
| 1 | 7/17/94 | F | 5 | F | 5 | A switchyard breaker opened and could not be reclosed for 1 hour. |

SUMMARY: The unit operated at about 96% power from July 1 through July 17 due to condenser tube fouling. On July 17, when a switchyard breaker opened, power was reduced to 80%. The breaker was reclosed after 1 hour and power was restored to approximately 96%, where it remained until July 19. Condenser tube cleaning on July 19 and July 20 allowed the unit to return to full power for the remainder of the month of July.

- 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 July, 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> |
|---------------|-------------|---|
| July 1, 1994 | 0000 hours | Unit at 96% power. |
| July 17, 1994 | 0712 hours | Power reduced to 80% when switchyard breaker opened. |
| July 17, 1994 | 1304 hours | Unit restored to 96% power. |
| July 20, 1994 | 1600 hours | Unit at 100% power following condenser tube cleaning. |
| July 31, 1994 | 2400 hours | Unit at 100% power. |