

WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

MONTHLY OPERATING REPORT

MONTH: August YEAR: 1988

Docket No.: 50-482

Facility Operating License No.: NPF-42

Report No. 42

Prepared by:

Merlin G. Williams

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SUMMARY

The following report highlights the operating experience of Wolf Creek Generating Station for the month of August, 1988. This report is being provided pursuant to Technical Specification 6.9.1.8.

I. SUMMARY OF OPERATING EXPERIENCE

The unit operated near 100 percent power throughout the month. On August 31, 1988, Wolf Creek Generating Station completed 196 days of continuous operation.

II. MAJOR SAFETY RELATED MAINTENANCE ACTIVITIES

1. Replaced two power supplies in the Engineered Safety Features Actuation System.
2. Replaced a power supply in the ex-core nuclear instrumentation.
3. Replaced a printed circuit board in the pressurizer level instrumentation.
4. Replaced a printed circuit board in the Reactor Coolant System temperature instrumentation.
5. Replaced a potentiometer in Steam Generator "D" level control instrumentation.
6. Replaced the operator and diaphragms on Steam Generator "D" chemical injection control valve.
7. Replaced a mechanical seal on one Spent Fuel Pool cooling pump.
8. Replaced an impeller and wear rings in one Component Cooling Water pump.
9. Replaced the actuator for one Control Room ventilation isolation damper.
10. Rebuilt the actuator for the Essential Service Water flow control valve to a Control Room air conditioning unit.
11. Replaced the handwheel shaft on the Containment personnel hatch.

OPERATING DATA REPORT

DOCKET NO. 50-482
 WOLF CREEK GENERATING STATION
 WOLF CREEK NUCLEAR OPERATING CORPORATION
 DATE 09-01-88
 COMPLETED BY M. Williams
 TELF #ONE 316-364-8831

OPERATING STATUS

1. Reporting Period: August, 1988 Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (MWT): 3411 Max. Depend. Capacity (MWe-Net): 1128
 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>5251.6</u> | <u>20718.1</u> |
| 6. Reactor Reserve Shutdown Hours | <u>0.0</u> | <u>89.5</u> | <u>339.8</u> |
| 7. Hours Generator on Line | <u>744.0</u> | <u>5098.4</u> | <u>20301.5</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>2,533,606</u> | <u>17,203,435</u> | <u>66,629,789</u> |
| 10. Gross Electrical Energy Generated (MWH) | <u>869,939</u> | <u>5,984,618</u> | <u>23,173,509</u> |
| 11. Net Electrical Energy Generated (MWH) | <u>833,551</u> | <u>5,728,386</u> | <u>22,098,852</u> |
| 12. Reactor Service Factor | <u>100.0</u> | <u>89.7</u> | <u>78.9</u> |
| 13. Reactor Availability Factor | <u>100.0</u> | <u>91.2</u> | <u>80.2</u> |
| 14. Unit Service Factor | <u>100.0</u> | <u>87.1</u> | <u>77.3</u> |
| 15. Unit Availability Factor | <u>100.0</u> | <u>87.1</u> | <u>77.3</u> |
| 16. Unit Capacity Factor (Using MDC) | <u>99.3</u> | <u>86.7</u> | <u>74.6</u> |
| 17. Unit Capacity Factor (Using Design MWe) | <u>95.8</u> | <u>83.6</u> | <u>71.9</u> |
| 18. Unit Forced Outage Rate | <u>0.0</u> | <u>11.2</u> | <u>6.4</u> |
19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of each):
 Refueling, October 06, 1988, 67 days
20. If Shut Down at End of Report Period, Estimated Date of Startup: N/A

AVERAGE DAILY UNIT POWER LEVEL

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MONTH August, 1988

	DAY AVERAGE DAILY POWER LEVEL (MWe-Net)		DAY AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1126</u>	17	<u>1118</u>
2	<u>1124</u>	18	<u>1118</u>
3	<u>1123</u>	19	<u>1117</u>
4	<u>1124</u>	20	<u>1117</u>
5	<u>1125</u>	21	<u>1113</u>
6	<u>1123</u>	22	<u>1106</u>
7	<u>1121</u>	23	<u>1117</u>
8	<u>1114</u>	24	<u>1117</u>
9	<u>1120</u>	25	<u>1118</u>
10	<u>1114</u>	26	<u>1121</u>
11	<u>1120</u>	27	<u>1124</u>
12	<u>1121</u>	28	<u>1127</u>
13	<u>1122</u>	29	<u>1127</u>
14	<u>1122</u>	30	<u>1128</u>
15	<u>1118</u>	31	<u>1129</u>
16	<u>1117</u>		

UNIT SHUTDOWN AND POWER REDUCTIONS

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REPORT MONTH August, 1988

No	Date	TYPE		DURATION (HOURS)	REASON (1)	METHODS SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED	S: SCHEDULED				

SUMMARY: There were no shutdowns or power reductions this month.

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

WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

UNIT NO. 1

MONTH August, 1988

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>
August 01, 1988	0000	Unit in Mode 1, Power Operation

WOLF CREEK

NUCLEAR OPERATING CORPORATION

Bart D. Withers
President and
Chief Executive Officer

September 14, 1988

WM 88-0227

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

Subject: Docket No. 50-482: August, 1988, Monthly
Operating Report

Gentlemen:

Attached is the August, 1988. 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,



Bart D. Withers
President and
Chief Executive Officer

BDW/jad

Attachment

cc: B. L. Bartlett (NRC), w/a
D. D. Chamberlain (NRC), w/a
R. D. Martin (NRC), w/a
P. W. O'Connor (NRC), w/a (2)

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