

WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

MONTHLY OPERATING REPORT

MONTH: September YEAR: 1988

Docket No.: 50-482

Facility Operating License No.: NPF-42

Report No. 43

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 September, 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 September 30, 1988, Wolf Creek Generating Station completed 226 days of continuous operation.

II. MAJOR SAFETY RELATED MAINTENANCE ACTIVITIES

1. Replaced a Mist Eliminator on one Main Steam Isolation Valve and one Main Feedwater Isolation Valve.
2. Replaced a control board on the pressure controller for one main steam power operated relief valve.

## OPERATING DATA REPORT

DOCKET NO. 50-482

WOLF CREEK GENERATING STATION

WOLF CREEK NUCLEAR OPERATING CORPORATION

DATE 10-01-88

COMPLETED BY M. Williams

TELEPHONE 316-364-8831

## OPERATING STATUS

1. Reporting Period: September, 1988 Gross Hours in Reporting Period: 720
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>720.0</u>     | <u>5971.6</u>     | <u>21438.1</u>    |
| 6. Reactor Reserve Shutdown Hours   | <u>0.0</u>       | <u>89.5</u>       | <u>339.8</u>      |
| 7. Hours Generator on Line  | <u>720.0</u>     | <u>5818.4</u>     | <u>21021.5</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>2,450,165</u> | <u>19,653,600</u> | <u>69,079,954</u> |
| 10. Gross Electrical Energy Generated (MWH)   | <u>829,820</u>   | <u>6,814,438</u>  | <u>24,003,329</u> |
| 11. Net Electrical Energy Generated (MWH)   | <u>796,161</u>   | <u>6,524,547</u>  | <u>22,895,013</u> |
| 12. Reactor Service Factor  | <u>100.0</u>     | <u>90.8</u>       | <u>79.5</u>       |
| 13. Reactor Availability Factor   | <u>100.0</u>     | <u>92.2</u>       | <u>80.7</u>       |
| 14. Unit Service Factor   | <u>100.0</u>     | <u>88.5</u>       | <u>77.9</u>       |
| 15. Unit Availability Factor  | <u>100.0</u>     | <u>88.5</u>       | <u>77.9</u>       |
| 16. Unit Capacity Factor (Using MDC)  | <u>98.0</u>      | <u>88.0</u>       | <u>75.2</u>       |
| 17. Unit Capacity Factor (Using Design MWe)   | <u>94.5</u>      | <u>84.8</u>       | <u>72.5</u>       |
| 18. Unit Forced Outage Rate   | <u>0.0</u>       | <u>9.9</u>        | <u>6.2</u>        |
| 19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of each):<br>Refueling, October 07, 1988, 71 days. |                  |                   |                   |
| 20. If Shut Down at End of Report Period, Estimated Date of Startup:  |                  | <u>N/A</u>        |                   |

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-482

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WOLF CREEK NUCLEAR OPERATING CORPORATION

DATE 10-01-88

COMPLETED BY M. Williams

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MONTH September, 1988

	DAY AVERAGE DAILY POWER LEVEL (MWe-Net)		DAY AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1119</u>	17	<u>1096</u>
2	<u>1129</u>	18	<u>1096</u>
3	<u>1130</u>	19	<u>1084</u>
4	<u>1131</u>	20	<u>1092</u>
5	<u>1130</u>	21	<u>1099</u>
6	<u>1130</u>	22	<u>1097</u>
7	<u>1131</u>	23	<u>1100</u>
8	<u>1130</u>	24	<u>1101</u>
9	<u>1130</u>	25	<u>1100</u>
10	<u>1107</u>	26	<u>1099</u>
11	<u>1089</u>	27	<u>1099</u>
12	<u>1085</u>	28	<u>1100</u>
13	<u>1091</u>	29	<u>1099</u>
14	<u>1094</u>	30	<u>1097</u>
15	<u>1095</u>	31	<u>N/A</u>
16	<u>1095</u>		

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REPORT MONTH September, 1988

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

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

(1) REASON: A: EQUIPMENT FAILURE (EXPLAIN)  
B: MAINTENANCE 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)

WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

UNIT NO. 1

MONTH September, 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>
September 01, 1988	0000	Unit in Mode 1, Power Operation

# WOLF CREEK

NUCLEAR OPERATING CORPORATION

John A. Bailey  
Vice President  
Engineering and Technical Services

October 14, 1988

ET 88-0146

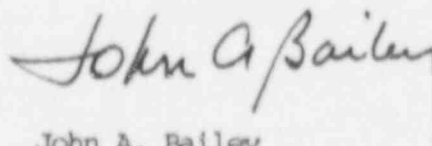
U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station P1-137  
Washington, D. C. 20555

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

Gentlemen:

Attached is the September, 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,



John A. Bailey  
Vice President  
Engineering & Technical Services

JAB/jad

Attachment

cc: B. L. Bartlett (NRC), w/a  
D. D. Chamberlain (NRC), w/a  
R. D. Martin (NRC), w/a  
D. V. Pickett (NRC), w/a (2)

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