

WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

MONTHLY OPERATING REPORT

MONTH: July YEAR: 1988

Docket No.: 50-482

Facility Operating License No.: NPF-42

Report No. 41

Prepared by:

Merlin G. Williams

## SUMMARY

The following report highlights the operating experience of Wolf Creek Generating Station for the month of July, 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 July 31, 1988, Wolf Creek Generating Station completed 165 days of continuous operation.

### II. MAJOR SAFETY RELATED MAINTENANCE ACTIVITIES

1. A coupling and a 90 degree elbow were replaced downstream of a letdown orifice throttle valve in the Chemical and Volume Control System.
2. Cracks in the body to bonnet seal welds on two steam generator tube sheet drain valves were ground out and rewelded.
3. Replaced printed circuit boards in two Reactor Coolant System temperature instruments and one Main Steam pressure instrument.
4. Replaced a pressure transmitter on the hydraulic system for a Main Feedwater Isolation Valve.
5. Replaced a potentiometer and a bistable in the Load Shed/Emergency Load Sequencer System.

## OPERATING DATA REPORT

DOCKET NO. 50-482  
 WOLF CREEK GENERATING STATION  
 WOLF CREEK NUCLEAR OPERATING CORPORATION  
 DATE 08-01-88  
 COMPLETED BY M. Williams  
 TELEPHONE 316-364-8831

## OPERATING STATUS

1. Reporting Period: July, 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>4507.6</u>     | <u>19974.1</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>4354.4</u>     | <u>19557.5</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>2,531,412</u> | <u>14,669,829</u> | <u>64,096,183</u> |
| 10. Gross Electrical Energy Generated (MWH) | <u>871,220</u>   | <u>5,114,679</u>  | <u>22,303,570</u> |
| 11. Net Electrical Energy Generated (MWH)   | <u>836,590</u>   | <u>4,894,835</u>  | <u>21,265,301</u> |
| 12. Reactor Service Factor                  | <u>100.0</u>     | <u>88.2</u>       | <u>78.3</u>       |
| 13. Reactor Availability Factor             | <u>100.0</u>     | <u>89.9</u>       | <u>79.6</u>       |
| 14. Unit Service Factor                     | <u>100.0</u>     | <u>85.2</u>       | <u>76.7</u>       |
| 15. Unit Availability Factor                | <u>100.0</u>     | <u>85.2</u>       | <u>76.7</u>       |
| 16. Unit Capacity Factor (Using MDC)        | <u>99.7</u>      | <u>84.9</u>       | <u>73.9</u>       |
| 17. Unit Capacity Factor (Using Design MWe) | <u>96.1</u>      | <u>81.9</u>       | <u>71.2</u>       |
| 18. Unit Forced Outage Rate                 | <u>0.0</u>       | <u>12.8</u>       | <u>6.6</u>        |
19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of each):  
 Refueling, September 29, 1988, 65 days.
  20. If Shut Down at End of Report Period, Estimated Date of Startup: N/A

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-482

WOLF CREEK GENERATING STATION

WOLF CREEK NUCLEAR OPERATING CORPORATION

DATE 08-01-88

COMPLETED BY M. Williams

TELEPHONE 316-364-8831

MONTH July, 1988DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	1131
2	1133
3	1134
4	1131
5	1128
6	1125
7	1126
8	1126
9	1128
10	1129
11	1126
12	1128
13	1125
14	1123
15	1122
16	1125

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	1125
18	1107
19	1106
20	1107
21	1115
22	1125
23	1126
24	1126
25	1124
26	1124
27	1125
28	1125
29	1128
30	1128
31	1127

## UNIT SHUTDOWN AND POWER REDUCTIONS

DOCKET NO. 50-482

WOLF CREEK GENERATING STATION

WOLF CREEK NUCLEAR OPERATING CORPORATION

DATE 08-01-88

COMPLETED BY M. Williams

TELEPHONE 316-364-8831

REPORT MONTH July, 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)  
 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 July, 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>
July 01, 1988	0000	Unit in Mode 1, Power Operation

# WOLF CREEK

NUCLEAR OPERATING CORPORATION

Bart D. Withers  
President and  
Chief Executive Officer

August 15, 1988

WM 88-0206

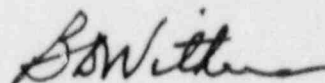
U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station PL-137  
Washington, D. C. 20555

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

Gentlemen:

Attached is the July, 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)

IE24  
1/1