

WOLF CREEK

NUCLEAR OPERATING CORPORATION

John A. Bailey
Vice President
Operations

March 13, 1992

NO 92-0077

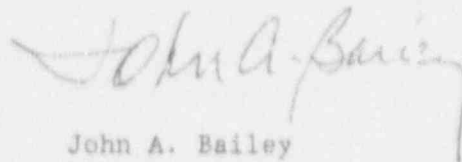
U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Station P1-137
Washington, D. C. 20555

Subject: Docket No. 50-482: February, 1992, Monthly
Operating Report

Gentlemen:

Attached is the February, 1992, 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
Operations

JAB/jra

Attachment

cc: A. T. Howell (NRC), w/a
R. D. Martin (NRC), w/a
G. A. Pick (NRC), w/a
W. D. Reckley (NRC), w/a

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WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

MONTHLY OPERATING REPORT

MONTH: February YEAR: 1992

Docket No.: 50-482

Facility Operating License No.: NPF-42

Report No. 84

Prepared by:

Merlin G. Williams

SUMMARY

The following report highlights the operating experience of Wolf Creek Generating Station for the month of February, 1992. This report is being provided pursuant to Technical Specification 6.9.1.8.

I. SUMMARY OF OPERATING EXPERIENCE

The unit operated at 100% power through the month of February until an unplanned reactor trip occurred February 19, 1992 at 2110 hours as a result of the failure of an electronic component in inverter NN11 and the subsequent loss of control power to both main feedwater pumps. While the unit was down, an inspection of the reactor vessel revealed that some minor leakage existed on three reactor vessel penetrations. The unit remained down for the duration of the month as these items are repaired.

II. MAJOR SAFETY RELATED MAINTENANCE ACTIVITIES

1. Replacement of circuit board in inverter NN11.
2. Replacement of main steam safety valve ABV057.
3. Repair of minor leakage on ir.-core thermocouple conduit.
4. At month's end, investigation into repair of reactor vessel canopy seal weld leakage was ongoing.

OPERATING DATA REPORT

DOCKET NO. 50-482
 WOLF CREEK GENERATING STATION
 WOLF CREEK NUCLEAR OPERATING CORPORATION
 DATE 03-01-92
 COMPLETED BY M. Williams
 TELEPHONE 316-364-8831

OPERATING STATUS

1. Reporting Period: February, 1992 Gross Hours in Reporting Period: 696
 2. Currently Authorized Power Level(MWt): 3411 Max. Depend. Capacity(MWe-Net): 1131
 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>453.2</u> | <u>917.6</u> | <u>44,607.7</u> |
| 6. Reactor Reserve Shutdown Hours | <u>0.0</u> | <u>0.0</u> | <u>339.8</u> |
| 7. Hours Generator on Line | <u>453.2</u> | <u>861.1</u> | <u>43,973.4</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>1,524,407</u> | <u>2,793,352</u> | <u>142,886,943</u> |
| 10. Gross Electrical Energy Generated (MWH) | <u>534,354</u> | <u>968,975</u> | <u>49,682,481</u> |
| 11. Net Electrical Energy Generated (MWH) | <u>506,058</u> | <u>908,541</u> | <u>47,364,012</u> |
| 12. Reactor Service Factor | <u>65.1</u> | <u>63.7</u> | <u>78.4</u> |
| 13. Reactor Availability Factor | <u>65.1</u> | <u>63.7</u> | <u>79.0</u> |
| 14. Unit Service Factor | <u>65.1</u> | <u>59.8</u> | <u>77.3</u> |
| 15. Unit Availability Factor | <u>65.1</u> | <u>59.8</u> | <u>77.3</u> |
| 16. Unit Capacity Factor (Using MDC) | <u>64.3</u> | <u>55.8</u> | <u>73.6</u> |
| 17. Unit Capacity Factor (Using Design MWe) | <u>62.1</u> | <u>53.9</u> | <u>71.1</u> |
| 18. Unit Forced Outage Rate | <u>34.9</u> | <u>40.2</u> | <u>6.0</u> |
| 19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of each): | <u>N/A</u> | | |
| 20. If Shut Down at End of Report Period, Estimated Date of Startup: | <u>March 13, 1992</u> | | |

AVERAGE DAILY UNIT POWER LEVEL

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 WOLF CREEK NUCLEAR OPERATING CORPORATION
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 TELEPHONE 316-364-8831

MONTH February, 1992

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	<u>1134</u>
2	<u>1134</u>
3	<u>1133</u>
4	<u>1134</u>
5	<u>1134</u>
6	<u>1134</u>
7	<u>1134</u>
8	<u>1135</u>
9	<u>1134</u>
10	<u>1134</u>
11	<u>1134</u>
12	<u>1125</u>
13	<u>1120</u>
14	<u>1134</u>
15	<u>113</u>
16	<u>1135</u>

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

17	<u>1135</u>
18	<u>1135</u>
19	<u>995</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>N/A</u>
31	<u>N/A</u>

UNIT SHUTDOWN AND POWER REDUCTIONS

DOCKET NO. 50-482
 WOLF CREEK GENERATING STATION
 WOLF CREEK NUCLEAR OPERATING CORPORATION
 DATE 03-01-92
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 TELEPHONE 316-364-8831

REPORT MONTH February, 1992

No	Date	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHODS SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
2	920219	F	242.8	A	3	Reactor trip at 2110 hours February 19, 1992 on steam generator lo-lo level as a result of an electronic component failure in inverter NW11 and the subsequent loss of control power for both main feedwater pumps.

SUMMARY: The unit operated continuously at full power February 1 through 18 until a reactor trip February 19, 1992. The unit remained shut down for the remainder of the month.

- 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 February, 1992

SUMMARY OF OPERATING EXPERIENCE

List 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>
February 1, 1992	0000 hours	Unit at 100% power.
February 19, 1992	2108 hours	Loss of inverter NN11, and subsequent loss of control power for main feedwater pumps.
	2110 hours	Reactor trip on steam generator lo-lo level. Unit entered Mode 3, hot standby.
February 21, 1992	0445 hours	Entered Mode 4, hot shutdown.
	1039 hours	Entered Mode 5, cold shutdown.
February 29, 1992	2400 hours	Unit in Mode 5, cold shutdown.