

WOLF CREEK

NUCLEAR OPERATING CORPORATION

Otto L. Maynard
Vice President Plant Operations

December 09, 1992

WO 92-0155

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

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

Gentlemen:

Attached is the November, 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,



Otto L. Maynard
Vice President
Plant Operations

OLM/jad

Attachment

cc: A. T. Howell (NRC), w/a
J. L. Milhoan (NRC), w/a
G. A. Pick (NRC), w/a
W. D. Reckley (NRC), w/a

921215C039 921130
PDR ADOCK 05000482
R PDR

P.O. Box 411 / Burlington, KS 66839 / Phone: (316) 364-8831

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WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

MONTHLY OPERATING REPORT

MONTH: November YEAR: 1992

Docket No.: 50-482

Facility Operating License No.: NPF-42

Report No. 93

Prepared by:

Merlin G. Williams

SUMMARY

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

I. SUMMARY OF OPERATING EXPERIENCE

The unit operated at or near 100% power until November 10, 1992, at 1105 hours, when a reactor trip occurred due to a ground fault at an off-site substation. The fault was caused by contact between an overhead ground and the energized portion of a 138 kilovolt (kV) ring bus during clearance procedures for a 345/138 kV transformer at the substation. Non-nuclear utility personnel were performing the work at the substation. The unit was in Mode 3, Hot Standby, following the trip.

On November 11, 1992, at 0330 hours, the unit entered Mode 2, Startup. Mode 3, Hot Standby, was reentered at 0436 hours due to Digital Rod Position Indication problems. At 1244 hours, the unit entered Mode 2 following repairs to the Digital Rod Position Indication system. Mode 1, Power Operation, was entered at 1608 hours. On November 13, 1992, at 1310 hours, the unit was returned to 100 percent reactor power.

II. MAJOR SAFETY RELATED MAINTENANCE ACTIVITIES

No major safety related maintenance activities were performed during the month of November.

OPERATING DATA REPORT

DOCKET NO. 50-482
 WOLF CREEK GENERATING STATION
 WOLF CREEK NUCLEAR OPERATING CORPORATION
 DATE 12-01-92
 COMPLETED BY M. Williams
 TELEPHONE 316-364-8831

OPERATING STATUS

1. Reporting Period: November, 1992 Gross Hours in Reporting Period: 720
 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>694.3</u> | <u>6,868.4</u> | <u>50,558.5</u> |
| 6. Reactor Reserve Shutdown Hours | <u>0.0</u> | <u>0.0</u> | <u>339.8</u> |
| 7. Hours Generator on Line | <u>689.1</u> | <u>6,795.6</u> | <u>49,907.8</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>2,296,524</u> | <u>22,900,416</u> | <u>162,994,007</u> |
| 10. Gross Electrical Energy Generated (MWH) | <u>799,841</u> | <u>7,990,595</u> | <u>56,704,101</u> |
| 11. Net Electrical Energy Generated (MWH) | <u>766,174</u> | <u>7,634,812</u> | <u>54,090,283</u> |
| 12. Reactor Service Factor | <u>96.4</u> | <u>85.4</u> | <u>79.6</u> |
| 13. Reactor Availability Factor | <u>96.4</u> | <u>85.4</u> | <u>80.2</u> |
| 14. Unit Service Factor | <u>95.7</u> | <u>84.5</u> | <u>78.6</u> |
| 15. Unit Availability Factor | <u>95.7</u> | <u>84.5</u> | <u>78.6</u> |
| 16. Unit Capacity Factor (Using MDC) | <u>94.1</u> | <u>84.0</u> | <u>75.3</u> |
| 17. Unit Capacity Factor (Using Design MWe) | <u>91.0</u> | <u>81.2</u> | <u>72.8</u> |
| 18. Unit Forced Outage Rate | <u>4.3</u> | <u>15.5</u> | <u>6.5</u> |
19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of each): Refueling Outage on March 4, 1993 for 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 12-01-92

COMPLETED BY M. Williams

TELEPHONE 316-364-8831

MONTH November, 1992

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1150</u>
2	<u>1149</u>
3	<u>1144</u>
4	<u>1143</u>
5	<u>1148</u>
6	<u>1148</u>
7	<u>1148</u>
8	<u>1148</u>
9	<u>1148</u>
10	<u>504</u>
11	<u>21</u>
12	<u>527</u>
13	<u>1077</u>
14	<u>1141</u>
15	<u>1141</u>
16	<u>1140</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1142</u>
18	<u>1145</u>
19	<u>1147</u>
20	<u>1147</u>
21	<u>1147</u>
22	<u>1146</u>
23	<u>1143</u>
24	<u>1145</u>
25	<u>1145</u>
26	<u>1146</u>
27	<u>1147</u>
28	<u>1149</u>
29	<u>1149</u>
30	<u>1149</u>
31	<u>N/A</u>

UNIT SHUTDOWN AND POWER REDUCTIONS

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WOLF CREEK GENERATING STATION
WOLF CREEK NUCLEAR OPERATING CORPORATION
DATE 12-01-92
COMPLETED BY M. Williams
TELEPHONE 316-364-8831

REPORT MONTH November, 1992

No	Date	TYPE	DURATION (HOURS)	REASON (1)	METHODS SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED S: SCHEDULED				
3	921110	F	30.9	H	3	Ground fault was initiated by contact between an overhead ground and the energized portion of a 138 kilovolt ring bus at an off-site substation by non-nuclear utility technicians.

SUMMARY: The unit operated at or near 100% power until November 10, 1992, when a reactor trip occurred. The unit was returned to 100% power on February 13, 1992 and operated at or near 100% power for the remainder of the month.

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

WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

UNIT NO. 1

MONTH November, 1992

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>
November 1, 1992	0000 hours	Unit at 100% power.
November 10, 1992	1105 hours	Reactor trip - Ground fault at an off-site substation results in generator trip/turbine trip.
November 11, 1992	0330 hours	Entered Mode 2, Startup.
	0436 hours	Reentered Mode 3, Hot Standby, due to Digital Rod Position Ind'cation problems.
	1244 hours	Entered Mode 2.
	1608 hours	Entered Mode 1, Power Operation.
	1757 hours	Unit synchronized to the grid.
November 13, 1992	1310 hours	Unit at 100% power.
November 30, 1992	2400 hours	Unit at 100% power.