

NRC-03-026

10 CFR 50.36

March 13, 2003

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

KEWAUNEE NUCLEAR POWER PLANT
DOCKET 50-305
LICENSE No. DPR-43
MONTHLY OPERATING REPORT

The monthly operating report for the Kewaunee Nuclear Power Plant for February 2003 is enclosed in accordance with Technical Specification 6.9.a.3.



Thomas Coutu
Site Vice-President, Kewaunee Plant

MLA

cc US NRC, Region III
US NRC, Senior Resident Inspector
INPO Records Center
PSCW – Sharon Henning

Attachment

OPERATING DATA REPORT

DOCKET NO. 50-305
UNIT NAME Kewaunee
DATE March 13, 2003
COMPLETED BY Mary Anderson
TELEPHONE (920) 388-8453

REPORTING PERIOD February, 2003

Notes: Following a brief power reduction
2/26 and 2/27, unit continues to
operate at 100% power

1. DESIGN ELECTRICAL RATING (MWE-NET) 535
2. MAXIMUM DEPENDABLE CAPACITY (MWE-NET) 511

	<u>MONTH</u>	<u>YEAR-TO-DATE</u>	<u>CUMULATIVE</u>
3. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1416.0	214910.7
4. NUMBER OF HOURS GENERATOR WAS ON LINE	672.0	1416.0	212709.3
5. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
6. NET ELECTRICAL ENERGY (MWH)	340614	735631	106377862

UNIT SHUTDOWNS

DOCKET NO. 50-305
UNIT NAME Kewaunee
DATE March 13, 2003
COMPLETED BY Mary Anderson
TELEPHONE (920) 388-8453

REPORTING PERIOD February, 2003

NO.	DATE	Type ¹	DURATION (Hours)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE/CORRECTIVE ACTIONS
6	02/26/03	F	8.72	A With D/G A Out of Service for Maint, D/G B failed its daily test	NA	The D/G start failure was due to an Agastat relay contact. The cause of contact failure was a buildup of insulating layer of silver oxide or copper oxide on surface of movable contact (gold plated). It was determined that on Diesel startup this buildup occurs during contact arcing when a downstream relay is de-energized. Immediate corrective action was to replace the relay. Long-term corrective actions are being determined.

- | | | |
|--|--|---|
| <p>(1)</p> <p>F: Forced
S: Scheduled</p> | <p>(2)</p> <p>Reason:
 A - Equipment Failure (Explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error (Explain)
 H - Other (Explain)</p> | <p>(3)</p> <p>Method:
 1 - Manual
 2 - Manual Trip/Scram
 3 - Automatic Trip/Scram
 4 - Other (Explain)
 Continuation
 5 - Load Reductions
 9 - Other</p> |
|--|--|---|

SUMMARY:

An Unusual Event was declared February 26 at 0026, based on EPIP-AD-02 (Emergency Class Determination), Chart E (Loss of Power), with indication being RCS above Cold Shutdown and both D/Gs unavailable.

Power reduction to Hot Standby, per Technical Specification 3.7.b.2, began at 0107. The Unusual Event was terminated at 0656 with the Reactor in Operating Mode at 9% power.

Following repairs to Diesel Generator B and its return to service, load increase to 35% power was initiated at 0950. 100% power was reached on February 28 at 0645.

The unit continues to operate at 100% power.