

NRC-03-070

10 CFR 50.36

June 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 May 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 June 13, 2003  
COMPLETED BY Mary Anderson  
TELEPHONE (920) 388-8453  
  
REPORTING PERIOD May, 2003

**Notes:** G-1 was closed on 05/11 @ 0201  
Full power was reached on 05/18 @  
2234  
Unit continues to operate at 100%  
power  
Changes in Design Electrical Rating &  
Maximum Dependable Capacity due to  
increase in Tave as part of 2003 KNPP  
Uprate Phase I

1. DESIGN ELECTRICAL RATING (MWE-NET) 536
2. MAXIMUM DEPENDABLE CAPACITY (MWE-NET) 516

	<u>MONTH</u>	<u>YEAR-TO-DATE</u>	<u>CUMULATIVE</u>
3. NUMBER OF HOURS REACTOR WAS CRITICAL	531.2	2788.0	216282.7
4. NUMBER OF HOURS GENERATOR WAS ON LINE	501.2	2756.8	214050.1
5. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
6. NET ELECTRICAL ENERGY (MWH)	233410	1402523	107044753

## UNIT SHUTDOWNS

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

**REPORTING PERIOD** May, 2003

NO.	DATE	Type <sup>1</sup>	DURATION (Hours)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	CAUSE/CORRECTIVE ACTIONS
7	05/01/03	S	242.02	C	4	Cycle XXV-XXVI Refueling Outage continued through 05/11. G-1 was closed at 0201.
8	05/11/03	S	.75	B	NA	G-1 was opened 05/11 at 1428. An outage was taken to perform the Turbine Overspeed Trip Test. G-1 was closed for the final time 05/11 at 1513.

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

**SUMMARY:** The unit continues to operate at 100% steady state power.

**Mechanical Maintenance:**

- Replaced Reactor Coolant Pump A
- Performed 18 month maintenance on Emergency Diesel Generators A and B
- Performed PMs on numerous safety related valves
- Replaced trim in both feed regulating valves in support of power up rate
- Replaced Pressurizer power operated relief valve block valves

# UNIT SHUTDOWNS

## Electrical Maintenance:

- Replaced RCP A Motor with re-manufactured Westinghouse replacement
- Performed 97 work activities on QA1 MOV's and associated MCC's
- Performed 31 work activities on non QA1 MOV's and associated MCC's
- Performed 18 month maintenance on Emergency Diesel Generator A&B
- Performed 19 work activities on QA1 motors (PM's/SP's)
- Performed 31 work activities non QA1 on motors (PM's/CWOs)
- Performed 27 work activities on QA1 circuit breakers/MCCs (PM's/SP's)
- Performed 12 work activities on non QA1 circuit breakers/MCCs (PM's/CWO's)
- Performed 423 scheduled work activities in total for R26

## I & C:

- Rebuild Main Feedwater Regulating Valves (FW-7A/7B)
- Power Uprate Support Work, including:
  - Installed new NUS R/E boxes
  - Installed new NUS dynamic boxes
- Calibrated many plant parameters to reflect the new plant operating numbers for Power Uprate
- Rebuild Pressurizer PORV AOV's (PR-2A/2B)
- Replace 8 ESF Hi-Steam flow relays due to age
- Perform AOV testing on SW Shroud Cooling AOV's
- Individual Rod Position Indication (IRPI) work, including:
  - Replace IRPI card edge connectors to address potential contact issues
  - Perform extended calibration of the IRPI's to facilitate online calibration if needed
- Performed 602 I&C activities during the outage