

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 ¹ | DURATION (Hours) | REASON ² | METHOD OF SHUTTING DOWN REACTOR ³ | 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. |

| | | |
|---|--|---|
| (1) F: Forced S: Scheduled | (2) 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) | (3) Method: 1 - Manual 2 - Manual Trip/Scram 3 - Automatic Trip/Scram 4 - Other (Explain) Continuation 5 - Load Reductions 9 - Other |
|---|--|---|

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