



Kewaunee Nuclear Power Plant
N490, State Highway 42
Kewaunee, WI 54216-9511
920-388-2560



Operated by
Nuclear Management Company, LLC

August 8, 2001

10 CFR 50.36

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Ladies/Gentlemen:

DOCKET 50-305
OPERATING LICENSE DPR-43
KEWAUNEE NUCLEAR POWER PLANT
MONTHLY OPERATING REPORT

The narrative "Summary of Operating Experience" and completed forms covering plant and component availability for the Kewaunee Nuclear Power Plant for July 2001 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

Kyle A. Hoops
Manager-Kewaunee Plant

MLA

Enc.

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

IE24

**KEWAUNEE NUCLEAR POWER PLANT - DOCKET 50-305
SUMMARY OF OPERATING EXPERIENCE**

July 2001

The unit continues to run at 96% power, steady state operation.

Maintenance Group Activities for the Month

Instrument and Control Group Activities for the Month

I&C completed the following work orders for July:

- Supported the dynamic testing of ICS-5A motor valve
- Vented Reactor Coolant Pump B seal leakoff flow transmitters
- Repaired and calibrated a pressure indicator for Aux Feedwater Pump B Suction Pressure
- Recalibrated a signal converter for the overpower delta T trip instrument found out of tolerance during SP-47-316B
- Troubleshooting and calibration of source range nuclear instrument N-32 for drifting indication

Electrical Maintenance

Performed preventative maintenance on the following equipment:

- Buses 5 and 6 UV Tests
- Buses 1 and 2 UV/UF Tests
- Battery Test A and B Batteries
- Reactor Trip Breakers
- Breakers:
 - 1-16210 Supply to MCC-62G
 - 1-601 Supply to RAT
 - 1-611 Supply to TAT
 - 1-508 Supply to A SI pump motor
- Pressurizer Heat Groups B/D/E
- RHR Pit FCU B

Work Orders:

- ICS 5A and 6A Diagnostic Testing
- BRA 108
- ACC 4 Modification

Mechanical Maintenance

No significant mechanical maintenance activities performed this month

A V E R A G E D A I L Y U N I T P O W E R L E V E L

DOCKET NO- 50-305
UNIT- KEWAUNEE
COMPLETED BY- M. L. ANDERSON
TELEPHONE- 920-388-8453

REPORT MONTH JULY, 2001

DAY AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

| | |
|----|-----|
| 1 | 499 |
| 2 | 499 |
| 3 | 498 |
| 4 | 499 |
| 5 | 503 |
| 6 | 494 |
| 7 | 499 |
| 8 | 499 |
| 9 | 499 |
| 10 | 499 |
| 11 | 499 |
| 12 | 499 |
| 13 | 499 |
| 14 | 494 |
| 15 | 499 |
| 16 | 498 |
| 17 | 499 |
| 18 | 494 |
| 19 | 494 |
| 20 | 490 |
| 21 | 494 |
| 22 | 494 |
| 23 | 494 |
| 24 | 494 |
| 25 | 494 |
| 26 | 490 |
| 27 | 490 |
| 28 | 494 |
| 29 | 486 |
| 30 | 490 |
| 31 | 490 |

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: August 8, 2001
COMP BY: Mary L. Anderson
TELEPHONE: 920-388-8453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - JULY 2001

| NO. | DATE | TYPE | DURATION | REASON | METHOD | LER NO. | SYS | COMPONENT | COMMENTS |
|-----|------|------|----------|--------|--------|---------|-----|-----------|--|
| | | | | | | | | | No shutdowns or power reductions in July |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

TYPE
CODES

F: FORCED
S: SCHEDULED

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)

METHOD

1-Manual
2-Manual Scram
3-Automatic Scram
4-Continuations
5-Load Reductions
9-Other

SYSTEM & COMPONENT

From NUREG-0161

O P E R A T I N G D A T A R E P O R T

DOCKET NO- 50-305
 COMPLETED BY- M. L. ANDERSON
 TELEPHONE- 920-388-8453

O P E R A T I N G S T A T U S

| | | | |
|---|------------|--|-------|
| 1 UNIT NAME | KEWAUNEE | ***** | ***** |
| 2 REPORTING PERIOD | JULY, 2001 | * NOTES | * |
| 3 LICENSED THERMAL POWER (MWT) | 1650 | * 96% Rx Power, Steady State Operation | * |
| 4 NAMEPLATE RATING (GROSS MWE) | 560 | * | * |
| 5 DESIGN ELECTRICAL RATING (NET MWE) | 535 | * | * |
| 6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) | 537 | * | * |
| 7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) | 511 | ***** | ***** |

8 IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS
 None

9 POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) None

10 REASONS FOR RESTRICTIONS, IF ANY

| | THIS MONTH | YR-TO-DATE | CUMULATIVE |
|--|------------|------------|------------|
| 11 HOURS IN REPORTING PERIOD | 744 | 5087 | 237793 |
| 12 NUMBER OF HOURS REACTOR WAS CRITICAL | 744.0 | 5060.8 | 202945.9 |
| 13 REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 2330.5 |
| 14 HOURS GENERATOR ON-LINE | 744.0 | 5051.1 | 200818.9 |
| 15 UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 10.0 |
| 16 GROSS THERMAL ENERGY GENERATED (MWH) | 1176575 | 7982335 | 317672333 |
| 17 GROSS ELECTRICAL ENERGY GENERATED (MWH) | 388400 | 2650800 | 105338300 |
| 18 NET ELECTRICAL ENERGY GENERATED (MWH) | 368694 | 2521500 | 100233280 |
| 19 UNIT SERVICE FACTOR | 100.0 | 99.3 | 84.5 |
| 20 UNIT AVAILABILITY FACTOR | 100.0 | 99.3 | 84.5 |
| 21 UNIT CAPACITY FACTOR (USING MDC NET) | 97.0 | 97.0 | 82.3 |
| 22 UNIT CAPACITY FACTOR (USING DER NET) | 92.6 | 92.6 | 78.8 |
| 23 UNIT FORCED OUTAGE RATE | 0.0 | 0.7 | 1.7 |

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS

Refueling/Steam Generator Replacement

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A