



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

Operated by
Nuclear Management Company, LLC



November 13, 2000

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 October 2000 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

Kenneth H. Weinbauer
Assistant Site Vice President

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

October, 2000

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

Instrument and Control Group Activities for the Month:

- Cleaned and repaired instrument manifold valve for service water header 1B pressure transmitter.
- Cleaned and repaired sensing lines for pressure indicator on service water pump 1B2.
- Recalibrated NI power range drawer N43 isolation amplifier.
- Cleaned the sensing line for service water pump 1B1 lube water regulator.
- Performed troubleshooting and repair of R-14 radiation monitor.
- Cleaned root valve for SW header pressure gauge.
- Recalibrated NI power range drawer B isolation amplifier NM307.

Maintenance Group Activities for the Month:

Electrical Maintenance

Performed PM's on the following equipment:

- A&B Emergency D/G Sequencer Test
- Buses 1, 2, 5 & 6 UV/UF Tests
- Reactor Trip Breakers
- 1B1 Service Water Pump Motor
- Breakers for MAT to Bus 5 & 6
- A & D Containment Fan Coil Breakers
- C Charging Pump Drive Motor
- Work Order for SW-1300A Dynamic and Static Tests

Mechanical Maintenance

- Completed monthly preventive maintenance on charging pumps.
- Completed maintenance and performance monitoring of "A" auxiliary building fan floor fan coil unit and returned unit to fully operable status.

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 OCTOBER, 2000

DAY AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

1	503
2	499
3	503
4	499
5	503
6	503
7	503
8	499
9	507
10	499
11	503
12	503
13	499
14	503
15	503
16	499
17	503
18	503
19	498
20	503
21	499
22	503
23	499
24	503
25	503
26	499
27	503
28	499
29	502
30	503
31	503

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: November 9, 2000
COMP BY: Mary L. Anderson
TELEPHONE: 920-388-8453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - OCTOBER 2000

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

TYPE

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 CODES

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      KEWAUWEE      *****
*
2 REPORTING PERIOD  OCTOBER, 2000  * 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	745	7320	231242
12 NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	6339.4	196421.2
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	745.0	6297.4	194303.8
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1177799	9757668	307421562
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	393200	3240100	101928100
18 NET ELECTRICAL ENERGY GENERATED (MWH)	373550	3077973	96989819
19 UNIT SERVICE FACTOR	100.0	86.0	84.0
20 UNIT AVAILABILITY FACTOR	100.0	86.0	84.0
21 UNIT CAPACITY FACTOR (USING MDC NET)	98.1	82.3	81.9
22 UNIT CAPACITY FACTOR (USING DER NET)	93.7	78.6	78.4
23 UNIT FORCED OUTAGE RATE	0.0	0.4	1.7

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH) - N/A

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