



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

Operated by
Nuclear Management Company, LLC



March 9, 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 February 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

February 2001

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

Instrument and Control Group Activities for the Month

I&C completed the following work orders for February:

- Repaired a spare IRPI module and returned the module to warehouse.
- Replaced a speed-sensing switch on the turbine ROST system.
- Repaired EH level transmitter
- Repaired BAHT heat tracing temperature controllers

Maintenance Group Activities for the Month

Electrical Maintenance

Performed PM's on the following equipment:

- Buses 5 & 5 UV tests
- B EDG sequencer
- RHR sump pit pump motor & breaker
- Monthly/quarterly battery test A/B/C&D batteries
- BRE 101 quarterly
- R-13/14 motor inspections
- C charging pump motor and breaker inspection

Work Orders:

RC 423 position indication

Auxiliary building fuel handling crane auxiliary hoist motor

DG air start dryer

C main transformer problems

Mechanical Maintenance

- Completed performance monitoring on numerous safety related fan coil units. All were found to be operating acceptably.
- Completed corrective maintenance on "B" charging pump to repair a plunger leak and valve manifold leak.
- Completed monthly preventive maintenance on charging pumps.

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 February, 2001

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
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1	504
2	504
3	504
4	504
5	500
6	504
7	504
8	504
9	504
10	504
11	504
12	504
13	504
14	504
15	504
16	504
17	504
18	504
19	504
20	504
21	504
22	504
23	504
24	504
25	504
26	504
27	504
28	504

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: March 5, 2001
COMP BY: Mary L. Anderson
TELEPHONE: 920-388-8453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH – FEBRUARY 2001

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

**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	FEBRUARY, 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	672	1416	234122
12 NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1416.0	199301.2
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	672.0	1416.0	197183.8
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1067797	2248036	311938034
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	355500	749000	103436500
18 NET ELECTRICAL ENERGY GENERATED (MWH)	338738	713696	98425476
19 UNIT SERVICE FACTOR	100.0	100.0	84.2
20 UNIT AVAILABILITY FACTOR	100.0	100.0	84.2
21 UNIT CAPACITY FACTOR (USING MDC NET)	98.6	98.6	82.1
22 UNIT CAPACITY FACTOR (USING DER NET)	94.2	94.2	78.6
23 UNIT FORCED OUTAGE RATE	0.0	0.0	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