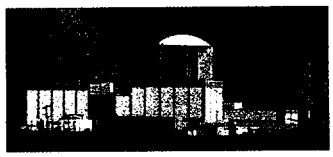
NRC-01-012

NMC
Committed to Nuclear Excellence

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

Operated by
Nuclear Management Company, LLC



February 12, 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 January 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

JE24

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

January 2001

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

Instrument and Control Group Activities for the Month

The following equipment was calibrated/repaired during January:

- Radiation monitoring channel R-23 spiked high and started post accident recirculation ventilation equipment. Troubleshooting could not determine the cause, no other spiking occurred since.
- Problems with RHR fan coil temperature instruments were repaired to correct indication discrepancies.
- Several IRPIs were recalibrated.
- R-11 paper drive motor was replaced.
- An MG-6 contact failed to electrically make up during testing of ESF system. The contact was cleaned and returned to service. A work order was issued for outage to replace it.
- Rebuilt an actuator for SW to fan coil unit.
- A design change was implemented to replace the VCT level transmitter in December, followup checks were good.
- R-13 mass flow controller was replaced.

Maintenance Group Activities for the Month

Electrical Maintenance

Performed PM's on the following equipment:

- Buses 1& 2 UV/UF tests
- A&B EDG sequencer
- RHR pump pit fan coil unit motor & breaker
- Monthly/quarterly battery test C&D batteries
- Auxiliary building mezzanine fan coil unit motor & breaker
- BA transfer pump motor & breaker

Work order for RC 423 position indication.

Mechanical Maintenance

- Completed performance monitoring on numerous safety related fan coil units. All were found to be operating acceptably.
- 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 JANUARY, 2001

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	504
2	504
3	504
4	504
5	504
6	504
7	504
8	504
9	504
10	504
11	504
12	504
13	500
14	509
15	500
16	504
17	504
18	504
19	504
20	504
21	504
22	504
23	504
24	504
25	504
26	500
27	504
28	504
29	504
30	504
31	504

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

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH – JANUARY 2001

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

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 KEWAUNEE

2 REPORTING PERIOD JANUARY, 2001

3 LICENSED THERMAL POWER (MWT) 1650

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

NOTES

96% Rx Power, Steady State Operation

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	744	233450
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	198629.2
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	744.0	196511.8
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1180239	1180239	310870237
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	393500	393500	103081000
18 NET ELECTRICAL ENERGY GENERATED (MWH)	374958	374958	98086738
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	82.0
22 UNIT CAPACITY FACTOR (USING DER NET)	94.2	94.2	78.5
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