



Kewaunee Nuclear Power Plant
N490 Highway 42
Kewaunee, WI 54216-9511
920.388.2560

Point Beach Nuclear Plant
6610 Nuclear Road
Two Rivers, WI 54241
920.755.2321

Kewaunee / Point Beach Nuclear
Operated by Nuclear Management Company, LLC

NRC-02-012

February 11, 2002

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 2002 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

Thomas Coutu
Manager-Kewaunee Plant

MLA

Enc.

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

IE 24

KEWAUNEE NUCLEAR POWER PLANT - DOCKET 50-305

SUMMARY OF OPERATING EXPERIENCE

January 2002

The unit continues to operate at 100%, steady state power.

Maintenance Group Activities for the Month

Instrument and Control Group Activities for the Month

I&C completed the following work orders for January:

- Completed DCR 3339 for Core Exit Thermocouples
- Performed troubleshooting for the ½ degree shift in Tave when BRA 111 shifted.
- Performed troubleshooting and repair of R-14 radiation monitor.

Electrical Maintenance

Performed preventative maintenance and surveillance procedures on the following equipment:

- Buses 1 & 2 UV/UF Relays
- SP42-320A & B Auto Sequencer Relays
- Buses 5 & 6 UV Relays
- Station Batteries
- Substation Batteries
- Substation Inspection
- Halon System
- EBL - Group 4 Battery

Work Orders:

- Demobilize SGR Facilities
- Repair Turbine Operating Floor CO2 Horn
- Repair Sewage Treatment Plant Lift Station & Transfer Pump
- DCR 3364 Additional Power for LAN Servers
- Install new Spent Fuel Pump B Motor

Mechanical Maintenance

- Spent Fuel Pump 1B - replace pump shaft
- Repack Service Water Strainer 1A2
- Replace the HEPA filters on the Spent Fuel Exhaust Fan 1B
- Charging Pump Dampener checks

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH

JANUARY, 2002

<u>DAY</u>	AVERAGE DAILY POWER LEVEL (<u>MWE-NET</u>)
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1	529
2	533
3	529
4	529
5	529
6	529
7	533
8	529
9	533
10	529
11	529
12	529
13	533
14	529
15	529
16	533
17	529
18	529
19	517
20	529
21	529
22	529
23	529
24	533
25	533
26	529
27	529
28	529
29	529
30	533
31	529

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: February 7, 2002
COMP BY: Mary L. Anderson
TELEPHONE: 920-388-8453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH – JANUARY 2002

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, 2002	* NOTES	
3 LICENSED THERMAL POWER (MWT)	1650	* Unit continues to operate at 100% power	
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	744	242210
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	205709.9
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	744.0	203522.5
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1225438	1225438	321889921
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	412800	412800	106741700
18 NET ELECTRICAL ENERGY GENERATED (MWH)	394109	394109	101567606
19 UNIT SERVICE FACTOR	100.0	100.0	84.0
20 UNIT AVAILABILITY FACTOR	100.0	100.0	84.0
21 UNIT CAPACITY FACTOR (USING MDC NET)	103.7	103.7	81.9
22 UNIT CAPACITY FACTOR (USING DER NET)	99.0	99.0	78.4
23 UNIT FORCED OUTAGE RATE	0.0	0.0	1.6
24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS			
	N/A		

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