



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-02-006

January 10, 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 December 2001 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

December 2001

Unit continued to be shut down for 2001 Refueling/Maintenance/SGR Outage until December 4. G-1 was closed at 1935, full power (100%) was reached on December 19 at 1625. 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 December:

- Repaired several core exit thermocouple detector/indication problems
- Repaired fitting leak on primary system transmitter
- Installed DCR 3338 for pressure switches on SW header for pressure controls utilizing SW-4A and SW-4B
- Replaced and repaired a temperature signal converter module in Foxboro protection rack
- Supported Reactor Physics testing utilizing spare detector and N-43 detector
- Repaired a leaking Swagelok fitting near RC-704 on Reactor head
- Supported replacement of welded Swagelok fitting on S/G level transmitter condensing pot due to damaged fitting
- Supported plant startup which included venting of transmitters on primary and secondary side
- Corrected the sensing line misalignment on steam flow transmitter
- Replaced the circuit board in N-43 drawer due to sticking test pushbutton
- Replaced a pressure gauge on service water pump
- Repaired module mounting screw holes in Foxboro racks
- Recalibrated the Foxboro module for temperature setpoint 2, TC405L
- Replaced solenoid coil on "A" main feedwater regulating valve and "A" main feedwater bypass valve due to EQ

Electrical Maintenance

Performed preventative maintenance and surveillance procedures on the following equipment:

- Buses 1 & 2 UV/UF Relays
- SP42-320A & B Auto Sequencer Relays
- Reactor Trip Breakers
- Buses 5 & 6 UV Relays
- Station Batteries
- Substation Batteries
- Substation Inspection

Work Orders:

- Inverter BRA-111 Repair
- Inverters BRA-112, BRB-111 & 112 Frequency Adjustments
- Demobilize SGR Facilities
- Demobilize Ecolochem Trailers & Equipment

Mechanical Maintenance

- Installed insulation on the Pressurizer Surge Line and B Reactor Coolant Pump left during the outage
- Installed a new actuator and valve on SW-301B, Emergency Diesel Generator B Service Water Return Isolation
- Commenced trouble shooting 1B2 Traveling Water Screen
- Performed PM's on the Charging Pump Dampeners
- Replaced the mechanical seal on 1B Spent Fuel Pump

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH DECEMBER, 2001

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
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1	0
2	0
3	24
4	18
5	131
6	132
7	213
8	385
9	388
10	438
11	484
12	483
13	483
14	504
15	508
16	508
17	525
18	529
19	525
20	529
21	533
22	525
23	533
24	525
25	533
26	529
27	529
28	529
29	529
30	529
31	533

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: January 10, 2002
COMP BY: Mary L. Anderson
TELEPHONE: 920-388-8453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH – DECEMBER 2001

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
4	12-01-01	S	80.2	C	4	N/A	ZZ	ZZZZZZ	Cycle XXIV-XXV Refueling Outage continued through 12/04. G-1 was closed at 1935, full power was achieved on 12/19 at 1625. The unit continues to operate at 100% power, steady state operation.

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 DECEMBER, 2001		* NOTES	
		*	*
3 LICENSED THERMAL POWER (MWT) 1650		* G-1 was closed on 12/04 @ 1935	
		*	*
4 NAMEPLATE RATING (GROSS MWE) 560		* Full power was reached on 12/19 @ 1625	
		*	*
5 DESIGN ELECTRICAL RATING (NET MWE) 535		* Unit continues to operate at 100% power	
		*	*
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	8760	241466
12 NUMBER OF HOURS REACTOR WAS CRITICAL	723.8	7080.7	204965.9
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	663.8	7010.8	202778.5
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	950489	10974485	320664483
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	319300	3641400	106328900
18 NET ELECTRICAL ENERGY GENERATED (MWH)	303281	3461717	101173497
19 UNIT SERVICE FACTOR	89.2	80.0	84.0
20 UNIT AVAILABILITY FACTOR	89.2	80.0	84.0
21 UNIT CAPACITY FACTOR (USING MDC NET)	79.8	77.3	81.8
22 UNIT CAPACITY FACTOR (USING DER NET)	76.2	73.9	78.3
23 UNIT FORCED OUTAGE RATE	0.0	0.5	1.7
24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS			
N/A			
25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A			