



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



Operated by  
Nuclear Management Company, LLC

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September 10, 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 August 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

*IE22*

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

**August 2001**

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

**Maintenance Group Activities for the Month**

**Instrument and Control Group Activities for the Month**

I&C completed the following work orders for August:

- Supported I&C Engineering during the testing of MG(R)503 and MG(R)504
- Performed maintenance on "A" Containment Hydrogen Monitor
- Adjusted the "B" Waste Gas Compressor Vent Header Controller
- Replaced a Foxboro bistable box for Steam Exclusion channel 2 for Control Room Makeup Air
- Assisted in troubleshooting the R-14 control of Battery Room FCU "B" by performing SP-45-049.14

**Electrical Maintenance**

Performed preventative maintenance on the following equipment:

- Buses 5 & 6 UV Tests
- Buses 1 & 2 UV/UF Tests
- Battery Test A/B Batteries
- Breaker 1-501 TAT to Bus 5

Motor/Starter preventative maintenance on:

- B&C Charging Pump
- A Fire Pump
- Aux Bldg Basement FCU 1C

Work Orders:

Shipped Spare RCP Motor to Westinghouse for repair/modification.

**Mechanical Maintenance**

- Completed inspection of body to bonnet leak on safety injection check valve SI-304A
- Completed performance monitoring on several safety related fan coil units
- Completed monthly preventive maintenance on diesel generators and 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      AUGUST, 2001

DAY                      AVERAGE DAILY  
                            POWER LEVEL  
                            (MWE-NET)

1	490
2	490
3	490
4	486
5	495
6	494
7	494
8	499
9	494
10	494
11	490
12	499
13	490
14	490
15	490
16	498
17	490
18	498
19	490
20	494
21	490
22	490
23	490
24	486
25	490
26	490
27	490
28	486
29	490
30	494
31	494

**DOCKET NO:** 50-305  
**UNIT NAME:** Kewaunee  
**DATE:** September 10, 2001  
**COMP BY:** Mary L. Anderson  
**TELEPHONE:** 920-388-8453

**UNIT SHUTDOWNS AND POWER REDUCTIONS**  
**REPORT MONTH - AUGUST 2001**

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

**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	AUGUST, 2001	* * * * *
3 LICENSED THERMAL POWER (MWT)	1650	* NOTES * * * * *
4 NAMEPLATE RATING (GROSS MWE)	560	* 96% Rx Power, Steady State Operation * * * * *
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	5831	238537
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5804.8	203689.9
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	5795.1	201562.9
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1176245	9158580	318848578
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	385700	3036500	105724000
18 NET ELECTRICAL ENERGY GENERATED (MWH)	365908	2887408	100599188
19 UNIT SERVICE FACTOR	100.0	99.4	84.5
20 UNIT AVAILABILITY FACTOR	100.0	99.4	84.5
21 UNIT CAPACITY FACTOR (USING MDC NET)	96.2	96.9	82.3
22 UNIT CAPACITY FACTOR (USING DER NET)	91.9	92.6	78.8
23 UNIT FORCED OUTAGE RATE	0.0	0.6	1.7

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS

Refueling/Steam Generator Replacement

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