

KEWAUNEE NUCLEAR POWER PLANT  
SUMMARY OF OPERATING EXPERIENCE

October, 1984

OPERATIONS: On October 5, unit load was reduced to 52%, 267 MWe Gross, to allow maintenance on an off-site transmission system line. The monthly Turbine Stop Valve test was also conducted during this time. The unit was returned to full power operation on October 6.

MAINTENANCE: Replaced defective check valves in Diesel Generator air start system.

Cleaned Control Rod Drive Room and Turbine Building Basement Safeguards Alley Fan Coil Units.

Repaired a pin-hole leak in Service Water piping to a Component Cooling heat exchanger.

Removed Component Cooling Surge Tank relief valve internals per Westinghouse recommendations.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO- 50-305  
UNIT- KEWAUNEE  
COMPLETED BY- G. H. RUITER  
TELEPHONE- 414-388-2560 X225

REPORT MONTH OCTOBER, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
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1	520
2	520
3	520
4	520
5	294
6	470
7	520
8	524
9	520
10	524
11	520
12	515
13	520
14	520
15	520
16	516
17	519
18	521
19	520
20	520
21	520
22	520
23	520
24	520
25	520
26	520
27	520
28	518
29	520
30	520
31	520

DOCKET NO: 50-305  
UNIT NAME: Kewaunee  
DATE: November 1, 1984  
COMPLETED BY: G. H. Ruiter  
TELEPHONE: 414-388-2560 x225

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
8	10/5/84	S	0.0	B	5	N/A	EA	ELECON	8. Unit load was reduced to 52%, 267 Mwe Gross, to permit maintenance on off-site transmission system line Y-311. The unit was returned to full power on 10/6/84.

SYSTEM &amp; COMPONENT CODES

FROM NUREG-0161

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO- 50-305  
COMPLETED BY- G. H. RUITER  
TELEPHONE- 414-388-2560 X225

1 UNIT NAME KEWAUNEE \*\*\*\*\*  
2 REPORTING PERIOD OCTOBER, 1984 \* NOTES \*  
3 LICENSED THERMAL POWER (MWT) 1650 \* Normal power operation continued \*  
4 NAMEPLATE RATING (GROSS MWE) 560 \* through this reporting period. \*  
5 DESIGN ELECTRICAL RATING (NET MWE) 535 \* \*  
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 529 \* \*  
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 503 \*\*\*\*\*  
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	745	7320	5985
12 NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	6106.6	77286.5
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	745.0	6064.3	75876.7
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1205018	9690277	118661363
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	399900	3200800	39058900
18 NET ELECTRICAL ENERGY GENERATED (MWH)	380555	3047555	37179591
19 UNIT SERVICE FACTOR	100.0	82.8	83.4
20 UNIT AVAILABILITY FACTOR	100.0	82.8	83.4
21 UNIT CAPACITY FACTOR (USING MDC NET)	101.6	82.8	78.7
22 UNIT CAPACITY FACTOR (USING DER NET)	95.5	77.8	76.4
23 UNIT FORCED OUTAGE RATE	0.0	0.3	3.6

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)  
Refueling shutdown of 8-week duration scheduled to start February 15, 1985.

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



**WISCONSIN PUBLIC SERVICE CORPORATION**

P.O. Box 1200, Green Bay, WI 54305



November 9, 1984

Director,  
Office of Inspection and Enforcement  
Attention Document Control Desk  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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 October 1984 are enclosed.

Very truly yours,

A handwritten signature in dark ink, appearing to read "D. C. Hintz".

D. C. Hintz  
Manager - Nuclear Power

JGT/js

Enc.

cc - Mr. J. G. Keppler, Reg Adm  
US NRC - Region III  
Mr. Robert Nelson, NRC Sr Resident Inspector  
RR #1, Box 999, Kewaunee, WI 54216  
Mr. S. A. Varga, Chief  
US NRC - Div. of Licensing  
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