

KEWAUNEE NUCLEAR POWER PLANT  
SUMMARY OF OPERATING EXPERIENCE

November, 1984

OPERATIONS: On November 4, unit load was reduced to 71%, 285 MWe Gross, for performance of the monthly Turbine Stop Valve test. The unit was returned to full power operation the same day.

MAINTENANCE: Replaced a corroded Service Water pressure switch.

Cleaned Auxiliary Building Mezzanine and Basement Fan Coil Units.

Replaced a R-11 Radiation Monitor pump coupling.

Repaired a pin hole leak in a Bleed Steam line to a Feedwater heater.

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- G. H. RUITER  
TELEPHONE- 414-388-2560 X225

REPORT MONTH   NOVEMBER, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
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1	520
2	521
3	521
4	496
5	525
6	521
7	521
8	521
9	525
10	521
11	521
12	521
13	521
14	521
15	525
16	517
17	525
18	521
19	521
20	521
21	526
22	521
23	521
24	525
25	521
26	525
27	521
28	521
29	521
30	521

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305  
 UNIT NAME: Kewaunee  
 DATE: December 3, 1984  
 COMPLETED BY: G. H. Ruiter  
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - NOVEMBER, 1984

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

## 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

# 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 NOVEMBER, 1984 \*  
3 LICENSED THERMAL POWER (MWT) 1650 \* NOTES \*  
4 NAMEPLATE RATING (GROSS MWE) 560 \* Normal power operation continued \*  
5 DESIGN ELECTRICAL RATING (NET MWE) 535 \* through this reporting period. \*  
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	720	8040	91705
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6826.6	78006.5
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	6784.3	76596.7
15 UNIT RESERVE SUTDOWN HOUR	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1183532	10873809	119844895
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	393060	3593800	39451900
18 NET ELECTRICAL ENERGY GENERATED (MWH)	375244	3422799	37554835
19 UNIT SERVICE FACTOR	100.0	84.4	83.5
20 UNIT AVAILABILITY FACTOR	100.0	84.4	83.5
21 UNIT CAPACITY FACTOR (USING MDC FST)	103.6	84.6	78.9
22 UNIT CAPACITY FACTOR (USING DER NET)	97.4	79.6	76.5
23 UNIT FORCED OUTAGE RATE	0.0	0.2	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, Wisconsin 54305

December 10, 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 November 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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