

KEWAUNEE NUCLEAR POWER PLANT  
SUMMARY OF OPERATING EXPERIENCE

February, 1985

OPERATIONS: The unit was taken off line at 0004 Hours on February 8, 1985, to begin the scheduled Cycle X-XI refueling outage.

MAINTENANCE: Refueling outage started on Friday, February 8. Surveillance testing as required by Tech. Specs., and corrective and preventative maintenance is in progress.

Replaced a defective Steam Generator level transmitter.

Replaced a defective Source Range detector.

Replaced bearings on a Waste Gas compressor.

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AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH FEBRUARY, 1985

DAY                      AVERAGE DAILY  
                            POWER LEVEL  
                            (MWE-NET)

1	521
2	521
3	521
4	521
5	521
6	517
7	447
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305  
 UNIT NAME: Kewaunee  
 DATE: March 1, 1985  
 COMPLETED BY: G. H. Rutter  
 TELEPHONE: 414-388-2569 x225

REPORT MONTH - FEBRUARY, 1985

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
1	2/ 8/85	S	503.9	C	1	N/A	ZZ	ZZZZZZ	1. Commenced Cycle X-XI refueling outage.

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 FEBRUARY, 1985 \*  
 3 LICENSED THERMAL POWER (MWT) 1650 \* NOTES \*  
 4 NAMEPLATE RATING (GROSS MWE) 560 \* The unit was taken off line at 0004 HRS \*  
 5 DESIGN ELECTRICAL RATING (NET MWE) 535 \* on February 8, 1985 for the scheduled \*  
 6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 529 \* Cycle X-II refueling outage. \*  
 7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 503 \* The unit had been on line continuously \*  
 \* for 218.9 days; this is the fourth \*  
 \* consecutive cycle in which a run \*  
 \* longer than 200 days was achieved. \*  
 \*\*\*\*\*

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	672	1416	93865
12 NUMBER OF HOURS REACTOR WAS CRITICAL	168.1	912.1	79662.6
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	168.1	912.1	78252.8
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	271048	1495327	122562451
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	89800	495800	40353100
18 NET ELECTRICAL ENERGY GENERATED (MWH)	85656	473377	38415413
19 UNIT SERVICE FACTOR	25.0	64.4	83.4
20 UNIT AVAILABILITY FACTOR	25.0	64.4	83.4
21 UNIT CAPACITY FACTOR (USING MDC NET)	25.3	66.5	78.9
22 UNIT CAPACITY FACTOR (USING DER NET)	23.8	62.5	76.5
23 UNIT FORCED OUTAGE RATE	0.0	0.0	3.5

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)  
 None

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - April 10, 1985

## WISCONSIN PUBLIC SERVICE CORPORATION

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



March 8, 1985

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 February 1985 are enclosed in accordance with Technical Specification 6.9.1(c).

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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Atlanta, GA 30339

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