

KEWAUNEE NUCLEAR POWER PLANT  
SUMMARY OF OPERATING EXPERIENCE

January, 1985

OPERATIONS: The unit operated at full load for the entire month. Since RCS Boron concentration is low, the monthly Turbine Stop Valve test was not performed as allowed by Technical Specifications.

MAINTENANCE: Replaced a failed SV Exhaust Fan Damper solenoid valve.

Replaced a defective bellows on a FW flow transmitter.

Replaced packing and plungers on a Charging Pump.

Replaced motor bearings on a SFP Exhaust Fan.

Rebuilt a Waste Gas Compressor.

Replaced defective tape on a Heat Tracing circuit.

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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 JANUARY, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	522
2	521
3	521
4	521
5	521
6	526
7	521
8	521
9	521
10	521
11	521
12	521
13	522
14	521
15	521
16	521
17	521
18	521
19	521
20	521
21	517
22	521
23	522
24	525
25	517
26	521
27	521
28	525
29	517
30	521
31	517

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305  
 UNIT NAME: Kewaunee  
 DATE: February 1, 1985  
 COMPLETED BY: G. H. Ruitter  
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - JANUARY, 1985

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

<b>TYPE</b>	<b>REASON</b>	<b>METHOD</b>	<b>SYSTEM &amp; COMPONENT CODES</b>
F: Forced	A-Equipment Failure (Explain)	1-Manual	From NUREG-0161
S: Scheduled	B-Maintenance or Test	2-Manual Scram	
	C-Refueling	3-Automatic Scram	
	D-Regulatory Restriction	4-Continuations	
	E-Operator Training & License Examination	5-Load Reductions	
	F-Administrative	9-Other	
	G-Operational Error (Explain)		
	H-Other (Explain)		

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

O P E R A T I N G   S T A T U S

1 UNIT NAME      KEWAUNEE      \*\*\*\*\*  
 \*  
 2 REPORTING PERIOD      JANUARY, 1985      \* NOTES \*  
 \*  
 3 LICENSED THERMAL POWER (MWT)      1650      \* Normal power operation continued \*  
 \* through this reporting period. \*  
 4 NAMEPLATE RATING (GROSS MWE)      560      \* As of the end of this reporting period, \*  
 \* KNPP has been on line continuously \*  
 5 DESIGN ELECTRICAL RATING (NET MWE)      535      \* for 211 days; this is the fourth \*  
 \* consecutive cycle in which the \*  
 6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE)      529      \* unit has attained a continuous run \*  
 \* over 200 days. \*  
 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	744	744	93193
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	79494.5
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	744.0	78084.7
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1224279	1224279	122291403
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	406000	406000	40263300
18 NET ELECTRICAL ENERGY GENERATED (MWH)	387721	387721	38329757
19 UNIT SERVICE FACTOR	100.0	100.0	83.8
20 UNIT AVAILABILITY FACTOR	100.0	100.0	83.8
21 UNIT CAPACITY FACTOR (USING MDC NET)	103.6	103.6	79.2
22 UNIT CAPACITY FACTOR (USING DER NET)	97.4	97.4	76.9
23 UNIT FORCED OUTAGE RATE	0.0	0.0	3.5

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.

## WISCONSIN PUBLIC SERVICE CORPORATION

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



February 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 January 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  
INPO Records Center, Suite 1500,  
1100 Circle 75 Parkway,  
Atlanta, GA 30339

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