

KEWAUNEE NUCLEAR POWER PLANT  
SUMMARY OF OPERATING EXPERIENCE  
OCTOBER, 1983

OPERATIONS: On October 23, unit load was reduced for the performance of the monthly Turbine Stop Valve test. The unit was returned to full power the same day.

MAINTENANCE: Replaced a defective circuit in an area Radiation Monitor.

Replaced a defective gasket on a Charging Pump flow transmitter.

Replaced a Service Water Pump radial guide bearing.

Replaced a leaking Pressurizer sampling valve.

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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

REFCET MCNIE OCTOBER, 1983

DAY AVERAGE DAILY  
POWER LEVEL  
(MWE-NET)

1	516
2	521
3	516
4	516
5	516
6	516
7	520
8	516
9	520
10	516
11	516
12	516
13	516
14	520
15	516
16	520
17	516
18	516
19	516
20	516
21	516
22	520
23	495
24	495
25	516
26	516
27	516
28	516
29	520
30	514
31	520

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305  
 UNIT NAME: Kewaunee  
 DATE: November 1, 1983  
 COMPLETED BY: G. H. Ruiter  
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - OCTOBER, 1983

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

TYPE	REASON	METHOD	SYSTEM & COMPONENT CODES
F: Forced	A-Equipment Failure (Explain)	1-Manual	From NUREG-C161
S: Scheduled	E-Maintenance or Test	2-Manual Scram	
	C-Refueling	3-Automatic Scram	
	L-Regulatory Restriction	4-Continuations	
	I-Operator Training & License Examination	5-Load Reductions	
	F-Administrative	9-Other	
	G-Operational Error (Explain)		
	H-Other (Explain)		

OPERATING DATA REPORT

Docket No- 50-305  
 COMPLETED BY- G. H. BUIER  
 TELEPHONE- 414-388-2560 X225

OPERATING STATUS

1 UNIT NAME KEWAUNEE \*\*\*\*\*  
 2 REPORTING PERIOD OCTOBER, 1983 \* NCIES \*  
 3 LICENSED THERMAL POWER (MWt) 1650 \* Normal power operation continued through \*  
 4 NAMEPLATE RATING (GROSS MWE) 560 \* this report 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	7296	82201
12 NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	5964.4	69716.0
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	745.0	5871.7	68348.3
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1224069	9462723	106562724
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	403300	3098200	35065800
18 NET ELECTRICAL ENERGY GENERATED (MWH)	384160	2951044	33376152
19 UNIT SERVICE FACTOR	100.0	80.5	63.2
20 UNIT AVAILABILITY FACTOR	100.0	80.5	83.1
21 UNIT CAPACITY FACTOR (USING MDC NET)	102.5	78.8	77.9
22 UNIT CAPACITY FACTOR (USING DEB NET)	96.4	75.6	75.9
23 UNIT FORCED OUTAGE RATE	0.0	0.6	4.0

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)  
 Refueling outage of 8-week duration scheduled to start March 18, 1984.

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

November 10, 1983

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 1983 are enclosed.

Very truly yours,

A handwritten signature in cursive script, appearing to read "C. W. Giesler".

C. W. Giesler  
Vice President - Nuclear Power

JGT/js  
Enc.

cc - Mr. J. G. Keppler, Reg Adm  
US NRC - Region III  
Mr. Ted Cintula  
US NRC - Maryland National Bank Bldg  
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Mr. Robert Nelson, NRC Sr Resident Inspector  
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Mr. S. A. Varga, Chief  
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Atlanta, GA 30339

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