

KEWAUNEE NUCLEAR POWER PLANT  
SUMMARY OF OPERATING EXPERIENCE

June, 1984

OPERATIONS: A load reduction to 44% was taken on June 2, for condenser waterbox inspection and performance of the monthly Turbine Stop Valve test. The unit was returned to full power on June 4.

MAINTENANCE: Replaced a broken phase barrier support in a 480V breaker.

Adjusted and/or installed new seals on Shield Building doors.

Repacked several valves on the Spent Fuel Pool cooling system.

Installed new plungers in a Charging Pump.

Adjusted Special Vent system damper controls.

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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 JUNE, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
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1	520
2	238
3	250
4	503
5	520
6	520
7	520
8	524
9	520
10	524
11	520
12	520
13	520
14	524
15	520
16	524
17	520
18	524
19	520
20	520
21	520
22	520
23	524
24	520
25	520
26	520
27	520
28	524
29	520
30	520

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305  
UNIT NAME: Kewaunee  
DATE: July 2, 1984  
COMPLETED BY: G. H. Ruiter  
TELEPHONE: 414-388-2560 x225

REPORT MONTH - JUNE, 1984

NO.	DATE	TYPE	DURATION	REASON	METHOD	IES NUMBER	SYS	COMPONENT	COMMENTS
6	6/ 2/84	F	0.0	B	5	N/A	HF	HTECH	6. A load reduction to 44% power was required to permit inspection of the Main Condenser waterboxes and the repair of a special test instrument sensing line due to circulating water leakage into the condenser.

## 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

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

## OPERATING STATUS

1 UNIT NAME	Kewaunee	
2 REPORTING PERIOD	JUNL, 1984	
3 LICENSED THERMAL POWER (MWT)	1650	
4 NAMEPLATE RATING (GROSS MWE)	560	
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	

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\* NOTES  
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\* Normal power operation continued  
\* throughout this reporting period.  
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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	4367	88032
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	3157.8	74337.7
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	3118.7	72931.1
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1144593	4880196	113851282
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	379800	1609000	37467100
18 NET ELECTRICAL ENERGY GENERATED (MWH)	361333	1532605	35664641
19 UNIT SERVICE FACTOR	100.0	71.4	82.9
20 UNIT AVAILABILITY FACTOR	100.0	71.4	82.8
21 UNIT CAPACITY FACTOR (USING MDC NET)	99.8	69.8	77.9
22 UNIT CAPACITY FACTOR (USING DER NET)	93.8	65.6	75.7
23 UNIT FORCED OUTAGE RATE	0.0	0.3	3.8
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 - N/A			

## WISCONSIN PUBLIC SERVICE CORPORATION



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

July 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 June 1984 are enclosed.

Very truly yours,

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

C. W. Giesler  
Vice President - Power Production

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  
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