

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
SEPTEMBER, 1983

OPERATIONS: On September 25, 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 failed solenoid valve for a Diesel Generator room vent damper.
Repaired oil and water leaks on a Component Cooling Pump.

IE24

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH SEPTEMBER, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
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1	507
2	507
3	503
4	512
5	520
6	516
7	516
8	520
9	516
10	520
11	516
12	516
13	516
14	520
15	511
16	516
17	516
18	516
19	512
20	512
21	516
22	512
23	516
24	516
25	487
26	516
27	520
28	516
29	516
30	520

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: October 3, 1983
COMPLETED BY: G. H. Buitert
TELEPHONE: 414-388-2560 x225

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

SYSTEM & COMPONENT CODES

1-Manual
2-Manual Scram
3-Automatic Scram
4-Continuations
5-Load Reductions
9-Other

FROM NUREG-C161

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	SEPTEMBER, 1983	* NOTES *
3 LICENSED THERMAL POWER (MWt)	1650	* Normal full-power operation continued *
4 NAMEPLATE RATING (GROSS MWE)	560	* through this reporting 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
MDC Gross and Net updated and established as set values for future calculations
based on daily average generation on August 10, 1983.

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	6551	81456
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5219.4	68971.0
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	5126.7	67603.3
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1184200	8238654	105338655
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	388700	2694900	34662500
18 NET ELECTRICAL ENERGY GENERATED (MWH)	370223	2566884	32991992
19 UNIT SERVICE FACTOR	100.0	78.3	83.0
20 UNIT AVAILABILITY FACTOR	100.0	78.3	83.0
21 UNIT CAPACITY FACTOR (USING MEC NET)	102.2	76.2	77.7
22 UNIT CAPACITY FACTOR (USING DER NET)	96.1	73.2	75.7
23 UNIT FORCED OUTAGE RATE	0.0	0.7	4.0

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

October 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 September 1983 are enclosed.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Carl 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
Washington, D.C. 20555

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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