

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NC- 50-305
 UNIT- KEWAUNEE
 COMPLETED BY- G. H. RUITER
 TELEPHONE- 414-388-2560 X225

REPORT MONTH MARCH, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
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1	476
2	468
3	476
4	468
5	468
6	464
7	451
8	451
9	447
10	443
11	431
12	435
13	423
14	406
15	356
16	259
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

OPERATING DATA REPORT

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

OPERATING STATUS

1 UNIT NAME	Kewaunee	*****
2 REPORTING PERIOD	MARCH, 1984	* NOTES *
3 LICENSED THERMAL POWER (MWt)	1650	* Refueling shutdown for Cycle IX-X
4 NAMEPLATE RATING (GROSS MWE)	560	* commenced on March 16, 1984.
5 DESIGN ELECTRICAL RATING (NET MWE)	535	* The shutdown ended the unit's second
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE)	529	* longest continuous run at 232 days.
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE)	503	* For the last three cycles the unit has
		* obtained continuous runs of 306, 216,
		* and 232 days.

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 REACTING PERIOD	744	2184	85849
12 NUMBER OF HOURS REACTOR WAS CRITICAL	383.7	1823.7	73003.7
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	383.5	1823.5	71635.8
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	532963	2898189	111869275
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	175100	952300	36810400
18 NET ELECTRICAL ENERGY GENERATED (MWH)	166154	908523	35040559
19 UNIT SERVICE FACTOR	51.5	83.5	83.5
20 UNIT AVAILABILITY FACTOR	51.5	83.5	83.4
21 UNIT CAPACITY FACTOR (USING EDC NET)	44.4	82.7	78.4
22 UNIT CAPACITY FACTOR (USING DER NET)	41.7	77.8	76.3
23 UNIT FORCED OUTAGE RATE	0.0	0.0	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 - May 5, 1984

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

NO.	DATE	TYPE	DURATION	REASON	METHOD	LEE NUMBER	SYS	COMPONENT	COMMENTS
1	3/14/84	S	N/A	F	5	N/A	ZZ	ZZZZZZ	1. Reactor power was reduced below a daily average of 80% due to end-of-cycle coast down.
2	3/16/84	S	N/A	C	1	N/A	ZZ	ZZZZZZ	2. Commenced Cycle IX-X refueling outage.

SYSTEM & COMPONENT CODES

FROM NUREG-0161

WISCONSIN PUBLIC SERVICE CORPORATION



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

April 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 March 1984 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. Robert Nelson, NRC Sr Resident Inspector
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