

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
DECEMBER, 1983

OPERATIONS: On December 18, 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 Component Cooling surge tank level power supply.

Replaced a faulted relay in the Steam Exclusion system.

Adjusted voltage on control rod position power supply.

Replaced a faulty temperature control valve on Control Room A/C.

Replaced a faulty limit switch for Auxiliary Building supply and exhaust fan.

Replaced a leaking seal on a Boric Acid pump.

Repaired a Service Water leak on a Containment Fan Coil Unit.

A V E R A G E D A I L Y U N I T P O W E R L E V E L

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

REPORT MONTH DECEMBER, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
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1	513
2	522
3	518
4	522
5	518
6	518
7	518
8	517
9	517
10	517
11	518
12	518
13	517
14	513
15	516
16	517
17	517
18	496
19	513
20	517
21	518
22	517
23	521
24	517
25	517
26	517
27	522
28	517
29	517
30	517
31	517

OPERATING DATA REPORT

DOCKET NO- 50-305
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OPERATING STATUS

1 UNIT NAME KEWAUNEE
2 REPORTING PERIOD DECEMBER, 1983
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

* NOTES
*
* Normal full power operation continued
* through this reporting period.
* As of the year's end, the unit has been
* operating continuously for 156 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 REPORTING PERIOD	744	8760	83665
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7428.4	71180.0
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	7335.7	69812.3
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1224505	11871085	108971086
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	402600	3890500	35858100
18 NET ELECTRICAL ENERGY GENERATED (MWH)	384524	3706928	34132036
19 UNIT SERVICE FACTOR	100.0	83.7	83.5
20 UNIT AVAILABILITY FACTOR	100.0	83.7	83.4
21 UNIT CAPACITY FACTOR (USING MDC NET)	102.8	82.7	78.3
22 UNIT CAPACITY FACTOR (USING DER NET)	96.6	79.1	76.3
23 UNIT FORCED OUTAGE RATE	0.0	0.5	3.9

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
Refueling shutdown 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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: January 3, 1984
 COMPLETED BY: G. H. Putter
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - DECEMBER, 1983

NO.	DATE	TYPE	DURATION	REASON	METHCD	LEE NUMBER	SYS	COMPONENT	COMMENTS
									No shutdowns or power reductions in December.

TYPE

F: Forced
 S: Scheduled

REASON

A-Equipment Failure (Explain)
 E-Maintenance or Test
 C-Refueling
 L-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

METHCD

1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Terminations
 5-Power Reductions
 9-Other

SYSTEM & COMPONENT CODES

From NUREG-0161

WISCONSIN PUBLIC SERVICE CORPORATION



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

January 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 December 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
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Mr. S. A. Varga, Chief
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