

KEWAUNEE NUCLEAR POWER PLANT  
SUMMARY OF OPERATING EXPERIENCE

JANUARY, 1984

OPERATIONS: No power reductions were performed during January; BCS boron concentration is below the Technical Specification level at which relief from the Turbine Stop Valve test requirement is given.

MAINTENANCE: Replaced a defective relay in a Reactor Protection circuit.

Replaced a defective motor actuator on a Shield Building Vent damper.

Replaced a cracked fitting on a Control Room A/C compressor.

Rebuilt a Charging pump.

Replaced diaphragms on two valves in the Waste Gas system.

Replaced a defective valve on the Boric Acid evaporator.

# AVERAGE DAILY UNIT POWER LEVEL

DCCRET AC- 50-305  
 UNIT- KEWAUNEE  
 COMPLETED BY- G. E. FUITEE  
 TELEPHONE- 414-388-2560 X225

REPORT MONTH JANUARY, 1984

DAY  
 AVERAGE DAILY  
 POWER LEVEL  
 (MWE-NET)

1	522
2	518
3	517
4	518
5	517
6	517
7	518
8	517
9	517
10	517
11	518
12	517
13	517
14	518
15	518
16	517
17	517
18	517
19	517
20	513
21	522
22	517
23	517
24	518
25	517
26	517
27	513
28	518
29	518
30	518
31	518

# UNIT SHUTDOWNS AND POWER REDUCTIONS

LOCKET NO: 50-305  
 UNIT NAME: Kewanee  
 DATE: February 1, 1984  
 COMPLETED BY: G. E. Rutter  
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - JANUARY, 1984

NO.	DATE	TYPE	REASON	REASON	METHOD	LEE NUMBER	SYS	COMPONENT	COMMENTS
									No shutdowns or power reductions in January.

## TYPE

F: Forced  
 S: Scheduled

## REASON

A-Equipment Failure (Explain)  
 I-Maintenance or Test  
 C-Refueling  
 R-Regulatory Restriction  
 T-Operator Training & License Examination  
 F-Administrative  
 O-Operational Error (Explain)  
 E-Other (Explain)

## METHOD

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

## SYSTEM & COMPONENT CODES

FROM NUBEG-C161

# OPERATING DATA REPORT

DCCNET AC- 50-305  
COMPLETED BY- G. H. RUITER  
TELEPHONE- 414-388-2560 X225

## OPERATING STATUS

1 UNIT NAME DELAWARE  
2 REPORTING PERIOD JANUARY, 1984  
3 LICENSED THERMAL POWER (MW) 1650  
4 AVAILABLE RATING (GROSS MW) 560  
5 DESIGN ELECTRICAL RATING (NET MW) 535  
6 MAXIMUM DEFERRABLE CAPACITY (GROSS MW) 525  
7 MAXIMUM DEFERRABLE CAPACITY (NET MW) 503

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\* NOTES \*  
\* Normal power operation continued through \*  
\* this report period. \*  
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8 IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBERS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS  
None

9 POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MW) None

10 REASONS FOR RESTRICTIONS, IF ANY

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11 HOURS IN REPORTING PERIOD	744	744	24405
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	71924.0
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	744.0	70556.3
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1225897	1225857	110196983
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	403000	403000	36261100
18 NET ELECTRICAL ENERGY GENERATED (MWH)	384993	384993	34517029
19 UNIT SERVICE FACTOR	100.0	100.0	83.6
20 UNIT AVAILABILITY FACTOR	100.0	100.0	83.6
21 UNIT CAPACITY FACTOR (USING MEC NET)	102.9	102.9	78.5
22 UNIT CAPACITY FACTOR (USING DEB NET)	96.7	96.7	76.4
23 UNIT FORCED OUTAGE RATE	0.0	0.0	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 16, 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

February 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 January 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  
RR #1, Box 999, Kewaunee, WI 54216  
Mr. S. A. Varga, Chief  
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