

KEWAUNEE NUCLEAR POWER PLANT  
SUMMARY OF OPERATING EXPERIENCE

September, 1984

OPERATIONS: Unit load was reduced on September 3, 1984 for performance of the monthly Turbine Stop Valve test. The unit was returned to full power operation the same day.

MAINTENANCE: Replaced a defective SV damper solenoid valve.  
Replaced a defective Reactor Coolant temperature signal converter.  
Replaced Auxiliary Building Mezzanine Fan Coil motor bearings.  
Repaired a Service Water line pin-hole leak.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH SEPTEMBER, 1984

DAY                      AVERAGE DAILY  
                            POWER LEVEL  
                            (MWE-NET)

1	520
2	520
3	491
4	520
5	515
6	520
7	515
8	520
9	520
10	520
11	524
12	520
13	520
14	520
15	520
16	524
17	520
18	520
19	516
20	524
21	520
22	520
23	520
24	520
25	520
26	520
27	520
28	520
29	520
30	520

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305  
 UNIT NAME: Kewaunee  
 DATE: October 1, 1984  
 COMPLETED BY: G. H. Fuitter  
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - SEPTEMBER, 1984

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

TYPE

F: Forced  
 S: Scheduled

REASON

A-Equipment Failure (Explain)  
 E-Maintenance or Test  
 C-Refueling  
 F-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

C O E F F I C I E N T D A T A R E P O R T

DOCKET NO- 50-305  
 COMPLETED BY- G. H. FUITEP  
 TELEPHONE- 414-386-2560 X225

O P E R A T I N G S T A T U S

1 UNIT NAME KEWAUNEE \*\*\*\*\*  
 2 REPORTING PERIOD SEPTEMBER, 1984 \* NOTES \*  
 3 LICENSED THERMAL POWER (MWT) 1650 \* Normal full-power operation continued \*  
 4 NAMEPLATE RATING (GROSS MWP) 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  
 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	720	6575	90240
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5361.6	76541.5
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	5319.3	75131.7
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1183431	8485259	117456345
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	392300	2800900	38659000
18 NET ELECTRICAL ENERGY GENERATED (MWH)	373485	2667000	36799036
19 UNIT SERVICE FACTOR	100.0	89.9	83.3
20 UNIT AVAILABILITY FACTOR	100.0	89.9	83.3
21 UNIT CAPACITY FACTOR (USING MEC NET)	103.1	89.6	78.5
22 UNIT CAPACITY FACTOR (USING DER NET)	97.0	75.8	76.2
23 UNIT FORCED OUTAGE RATE	0.0	0.3	3.7

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)  
 Refueling shutdown of 8-week duration scheduled to start February 15, 1985.

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, 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 September 1984 are enclosed.

Very truly yours,

A handwritten signature in dark ink, appearing to read "D. Hintz".

D. C. Hintz  
Manager - 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  
US NRC - Div. of Licensing  
INPO Records Center, Suite 1500,  
1100 Circle 75 Parkway,  
Atlanta, GA 30339

M003  
11