

KEWAUNEE NUCLEAR POWER PLANT  
SUMMARY OF OPERATING EXPERIENCE

November, 1982

OPERATIONS: On November 7, unit generation was reduced to 75%  
for the monthly Turbine Stop Valve Test.

MAINTENANCE: Replaced defective solenoid valve coils in the  
screenhouse ventilation system.

Repaired some boric acid heat tracing control  
circuits.

Repaired a cam follower on the inner containment  
airlock door.

Replaced the ball and seat in a service water  
valve for a component cooling heat exchanger.

Rebuilt a charging pump safety valve.

8301270288 821209  
PDR ADOCK 05000305  
R PDR

# AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH NOVEMBER, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	499
2	512
3	512
4	512
5	512
6	512
7	487
8	512
9	512
10	512
11	512
12	512
13	516
14	512
15	512
16	512
17	516
18	512
19	516
20	512
21	516
22	504
23	516
24	516
25	512
26	495
27	516
28	512
29	512
30	512

DOCKET NO: 50-305  
UNIT NAME: Kewaunee  
DATE: December 1, 1982  
COMPLETED BY: G. H. Ruiter  
TELEPHONE: 414-388-2560 x225

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
									No shutdowns or load reductions during November.

SYSTEM &amp; COMPONENT CODES

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

From NUREG-0161

# OPERATING DATA REPORT

DOCKET NO- 50-305  
COMPLETED BY- G. H. RUITER  
TELEPHONE- 414-388-2560 X245

## OPERATING STATUS

1 UNIT NAME	KEWAUNEE	*****
2 REPORTING PERIOD	NOVEMBER, 1982	* NOTES
3 LICENSED THERMAL POWER (MWT)	1650	* As of the end of this reporting period,
4 NAMEPLATE RATING (GROSS MWE)	560	* the unit has been continuously on line
5 DESIGN ELECTRICAL RATING (NET MWE)	535	* for 190 consecutive days.
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE)	538	*
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE)	511	*****

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	8016	74161
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	7016.4	63018.3
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	6959.5	61766.3
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1178287	11215596	96022530
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	386200	3664400	31616800
18 NET ELECTRICAL ENERGY GENERATED (MWH)	367723	3490809	30091066
19 UNIT SERVICE FACTOR	100.0	86.8	83.3
20 UNIT AVAILABILITY FACTOR	100.0	86.8	83.3
21 UNIT CAPACITY FACTOR (USING MDC NET)	99.9	84.7	77.7
22 UNIT CAPACITY FACTOR (USING DER NET)	95.5	81.4	75.8
23 UNIT FORCED OUTAGE RATE	0.0	0.1	4.3

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)  
Refueling shutdown of 8-week duration is scheduled to start March 20, 1983.

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A