

KEWAUNEE NUCLEAR POWER PLANT  
SUMMARY OF OPERATING EXPERIENCE

March, 1983

OPERATIONS: The unit was shut down as scheduled on March 17, 1983 for end-of-life physics testing and the Cycle VIII-IX Refueling Outage.

MAINTENANCE: Replaced a defective converter on a SV Exhaust Filter humidity detector.

Rebuilt a waste gas compressor.

Repaired a Charging Pump which had high seal leakage.

Replaced some SV Zone charcoal filters.

Refueling outage started on Saturday, March 19. Surveillance testing, as required by Tech. Spec., is in progress.

# AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MCNTH      MARCH, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
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1	505
2	509
3	505
4	509
5	505
6	509
7	505
8	505
9	509
10	485
11	493
12	505
13	509
14	505
15	464
16	426
17	398
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

DOCKET NO: 50-305  
UNIT NAME: Kewaunee  
DATE: April 1, 1983  
COMPLETED BY: G. H. Euter  
TELEPHONE: 414-388-2560 x225

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
1	3/17/83	S	337.1	C	1	N/A	ZZ	ZZZZZZ	1. Commenced Cycle VIII-IX refueling outage.

TYPE	REASON	METHOD	SYSTEM & COMPONENT CODES
F: Forced	A-Equipment Failure (Explain)	1-Manual	From NUPEG-0161
S: Scheduled	B-Maintenance or Test	2-Manual Scram	
	C-Refueling	3-Automatic Scram	
	D-Regulatory Restriction	4-Continuations	
	E-Operator Training & License Examination	5-Load Reductions	
	F-Administrative	9-Other	
	G-Operational Error (Explain)		
	H-Other (Explain)		

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO- 59-305  
COMPLETED BY- G. H. RUITER  
TELEPHONE- 414-388-2560 X225

1 UNIT NAME KEWAUNEE \*\*\*\*\*  
2 REPORTING PERIOD MARCH, 1983 \*  
3 LICENSED THERMAL POWER (MWT) 1650 \* NOTES \*  
4 NAMEPLATE RATING (GROSS MWE) 560 \* The Cycle VIII-IX refueling outage \*  
5 DESIGN ELECTRICAL RATING (NET MWE) 535 \* commenced as scheduled on March 17. \*  
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 542 \*  
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 514 \*\*\*\*\*  
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	2160	77065
12 NUMBER OF HOURS REACTOR WAS CRITICAL	422.7	1838.7	65590.4
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	406.9	1822.9	64299.5
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	649484	2970698	10007061.9
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	210100	968100	32935700
18 NET ELECTRICAL ENERGY GENERATED (MWH)	200326	924039	31349147
19 UNIT SERVICE FACTOR	54.7	84.4	83.4
20 UNIT AVAILABILITY FACTOR	54.7	84.4	83.4
21 UNIT CAPACITY FACTOR (USING MDC NET)	52.4	83.2	78.0
22 UNIT CAPACITY FACTOR (USING DER NET)	50.3	80.0	76.0
23 UNIT FORCED OUTAGE RATE	0.0	0.0	4.2
24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)	None		