

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

May, 1980

OPERATIONS: On May 10, the unit was removed from service for refueling.

On May 25, commenced Cycle V-VI fuel movement.

On May 31, fuel movement completed.

MAINTENANCE: Refueling outage started on Saturday, May 10. Surveillance testing as required by Tech. Spec. is in progress.

Replaced a power supply on a radiation monitor.

Inspected seals on a reactor coolant pump.

Inspected and rebuilt a RHR pump because of higher than normal vibration.

Checked and adjusted CC pump alignment.

OPERATING DATA REPORT

DOCKET NO- 50-305
 COMPLETED BY- G. H. RUITER
 TELEPHONE- 414-388-2560 X207

OPERATING STATUS

1 UNIT NAME KEWAUNEE *****
 *
 2 REPORTING PERIOD MAY, 1980 * NOTES Completed Cycle V operation. *
 * The shutdown for refueling ended 96.6 *
 3 LICENSED THERMAL POWER (MWT) 1650 * days of continuous power operation. *
 * Over 21.7 billion kilowatt-hours of *
 4 NAMEPLATE RATING (GROSS MWE) 560 * electricity have been generated since *
 * the start of commercial operation. *
 5 DESIGN ELECTRICAL RATING (NET MWE) 535 *
 *
 6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 545 *
 *
 7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 526 *****

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	3647	52248
12 NUMBER OF HOURS REACTOR WAS CRITICAL	215.7	2851.7	43854.2
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	152.7	2330.5
14 HOURS GENERATOR ON-LINE	215.7	2834.5	42830.3
15 UNIT RESERVE SUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	349621	4586111	65737234
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	115400	1524300	21708100
18 NET ELECTRICAL ENERGY GENERATED (MWH)	109975	1455157	20654235
19 UNIT SERVICE FACTOR	29.0	77.7	82.0
20 UNIT AVAILABILITY FACTOR	29.0	77.7	82.0
21 UNIT CAPACITY FACTOR (USING MDC NET)	28.1	75.9	75.4
22 UNIT CAPACITY FACTOR (USING DER NET)	27.6	74.6	73.9
23 UNIT FORCED OUTAGE RATE	0.0	9.1	5.6

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 None

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - June 20, 1980

AVERAGE DAILY UNIT POWER LEVEL

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UNIT- KEWAUNEE
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REPORT MONTH MAY, 1980

DAY AVERAGE DAILY
POWER LEVEL
(MWE-NET)

1	521
2	516
3	521
4	521
5	516
6	521
7	516
8	516
9	434
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: June 2, 1980
 COMPLETED BY: G. H. Ruitter
 TELEPHONE: 414-388-2560 x207

REPORT MONTH - MAY, 1980

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
4	5/ 9/80	S	528.3	C	1	N/A	ZZ	ZZZZZZ	4. Commenced Cycle V-VI Refueling Outage.

TYPE	REASON	METHOD	SYSTEM & COMPONENT CODES
F: Forced	A-Equipment Failure (Explain)	1-Manual	From NUREG-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)		