

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
MARCH 1980

Operations: On March 7, the unit load was reduced to 490 MW for repair of Heater Drain Pump 1A. The unit was returned to full load on the same day.

On March 9, the monthly turbine stop valve test was completed.

On March 18, the unit load was reduced to 474 MW when the circulating water discharge temperature for single pump operation exceeded the Technical Specification limit. When the second circulating water pump was started, the unit was returned to full power.

On March 20, during an inspection, the disconnects for the undervoltage relays on bus 1-6 were opened. This simulated a loss of voltage and started the diesel, which then closed in on the bus. The only effect on plant operation was the opening of the feedwater heater bypass valve.

Maintenance: A diesel generator temperature control switch was repaired.

Repaired and recalibrated some boric acid heat tracing temperature controllers.

Recalibrated controller for a shield building vent damper control.

The primary air motors on a diesel generator were replaced.

The seals on a charging pump were replaced.

Replaced auxiliary contacts in a circuit breaker for a containment fan coil unit service water valve.

Replaced seals on a waste gas compressor.

8004150 355

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH: MARCH, 1980

DAY AVERAGE DAILY
POWER LEVEL
(MWE-NET)

1	526
2	530
3	525
4	526
5	526
6	525
7	506
8	527
9	505
10	526
11	526
12	527
13	526
14	535
15	522
16	525
17	526
18	526
19	520
20	520
21	525
22	524
23	525
24	525
25	525
26	521
27	521
28	521
29	526
30	522
31	522

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 MARCH, 1980 * NOTES Unrestricted unit operations. *
 *
 3 LICENSED THERMAL POWER (MWT) 1650 *
 *
 4 NAMEPLATE RATING (GROSS MWE) 560 *
 *
 5 DESIGN ELECTRICAL RATING (NET MWE) 535 *
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 6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 545 *
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 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
 N/A

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11 HOURS IN REPORTING PERIOD	744	2184	50785
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	1917.0	42919.5
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	152.7	2330.5
14 HOURS GENERATOR ON-LINE	744.0	1899.8	41895.6
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1223050	3060998	64212121
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	407700	1020200	21204000
18 NET ELECTRICAL ENERGY GENERATED (MWH)	389565	974556	20173634
19 UNIT SERVICE FACTOR	100.0	87.0	82.5
20 UNIT AVAILABILITY FACTOR	100.0	87.0	82.5
21 UNIT CAPACITY FACTOR (USING MDC NET)	99.5	84.8	75.8
22 UNIT CAPACITY FACTOR (USING DER NET)	97.9	83.4	74.2
23 UNIT FORCED OUTAGE RATE	0.0	13.0	5.7

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 Refueling; May 10, 1980; Six weeks

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: March 1, 1980
 COMPLETED BY: G. H. Ruiter
 TELEPHONE: 414-388-2560 x207

REPORT MONTH - MARCH, 1980

NO.	DATE	TYPE	DURATION	REASON	METHOD	LEE NUMBER	SYS	COMPONENT	COMMENTS
									No shutdowns during the month of March.

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)		