

KEWAUNEE NUCLEAR POWER PLANT

SUMMARY OF OPERATING EXPERIENCE

NOVEMBER 1979

- OPERATIONS:
- On November 4, the monthly turbine stop valve test was completed.
- On November 7, the unit load was reduced to 315 MW to repair an oil cooler leak on a condensate pump motor. The unit was returned to full load on November 8.
- On November 25, the monthly turbine stop valve test was completed.
- MAINTENANCE:
- A boric acid heat tracing thermocouple was replaced and heat tracing repaired.
- Repaired a leaking packing gland on a charging pump.
- Replaced a damaged seal on a containment personnel air lock door.
- Replaced a worn bearing on a containment fan coil unit motor.

7912140362

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO- 50-305
UNIT- KEWAUNEE
COMPLETED BY- J. J. WALLACE
TELEPHONE- 414-388-2560 X207

REPORT MONTH NOVEMBER, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	524
2	524
3	528
4	499
5	528
6	528
7	361
8	463
9	528
10	528
11	524
12	528
13	528
14	524
15	528
16	524
17	528
18	524
19	528
20	524
21	524
22	528
23	524
24	528
25	503
26	524
27	528
28	524
29	524
30	528

OPERATING DATA REPORT

DOCKET NO- 50-305
 COMPLETED BY- J. J. WALLACE
 TELEPHONE- 414-388-2560 X207

OPERATING STATUS

1 UNIT NAME KEWAUNEE *****
 *
 2 REPORTING PERIOD NOVEMBER, 1979 * NOTES Routine unit operation for the *
 * month. This is the eighteenth 100% unit *
 3 LICENSED THERMAL POWER (MWT) 1650 * service factor month since start of *
 * commercial operation. *
 4 NAMEPLATE RATING (GROSS MWE) 560 * *
 * *
 5 DESIGN ELECTRICAL RATING (NET MWE) 535 * *
 * *
 6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 545 * *
 * *
 7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 524 *****
 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	720	8016	47857
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6296.4	40260.2
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	170.8	2177.8
14 HOURS GENERATOR ON-LINE	720.0	6182.6	39254.8
15 UNIT RESERVE SUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1167457	9745194	59948475
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	390800	3212700	19783000
18 NET ELECTRICAL ENERGY GENERATED (MWH)	372271	3057052	18816841
19 UNIT SERVICE FACTOR	100.0	77.1	82.0
20 UNIT AVAILABILITY FACTOR	100.0	77.1	82.0
21 UNIT CAPACITY FACTOR (USING MDC NET)	98.7	73.4	75.0
22 UNIT CAPACITY FACTOR (USING DER NET)	96.6	71.3	73.5
23 UNIT FORCED OUTAGE RATE	0.0	12.7	5.4

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

25 IS 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: December 1, 1979
 COMPLETED BY: J. J. Wallace
 TELEPHONE: 414-388-2560 X207

REPORT MONTH - NOVEMBER, 1979

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
14	11/ 7/79	F	0	A	5	N/A	HH	PUMPXX	14. 1B condensate pump lower motor bearing cooler failed requiring the pump to be removed from service. Reduced load to limits for one pump operation.

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