

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

March, 1982

OPERATIONS: Plant generation was maintained at 100%.

MAINTENANCE: Replaced a positioner on a charging pump speed controller.

Replaced a relay and regulator in the boric acid heat tracing control system.

Replaced a closing coil on a service water pump breaker.

Replaced the cardox unit compressor.

Overhauled a service water pump motor.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH MARCH, 1982

DAY AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

1	514
2	510
3	514
4	514
5	510
6	513
7	509
8	514
9	514
10	510
11	514
12	514
13	509
14	514
15	509
16	513
17	514
18	514
19	510
20	518
21	514
22	514
23	514
24	510
25	514
26	514
27	514
28	514
29	514
30	513
31	514

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH - MARCH, 1982

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

TYPE

F: Forced
 S: Scheduled

REASON

A-Equipment Failure (Explain)
 E-Maintenance or Test
 C-Refueling
 R-Regulatory Restriction
 O-Operator Training & License Examination
 P-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

METHOD

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

SYSTEM & COMPONENT CODES

From NUREG-0161

OPERATING DATA REPORT

DOCKET NO- 50-305
COMPLETED BY- G. H. RUTTF
TELEPHONE- 414-388-2560 X225

OPERATING STATUS

1 UNIT NAME	Kewaunee	*****
2 REPORTING PERIOD	MARCH, 1982	* NOTES
3 LICENSED THERMAL POWER (MWT)	1650	* The Kewaunee Plant has been on line
4 NAMEPLATE RATING (GROSS MWE)	560	* continuously for 297 consecutive days.
5 DESIGN ELECTRICAL RATING (NET MWE)	535	*
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE)	538	*
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE)	515	*****

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 REACTING PERIOD	744	2160	69305
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2160.0	58161.9
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	2160.0	56966.8
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1224649	3503308	88310242
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	399200	1142300	29094700
18 NET ELECTRICAL ENERGY GENERATED (MWH)	381464	1090760	27691017
19 UNIT SERVICE FACTOR	100.0	100.0	83.4
20 UNIT AVAILABILITY FACTOR	100.0	100.0	83.4
21 UNIT CAPACITY FACTOR (USING MDC NET)	99.6	98.1	77.6
22 UNIT CAPACITY FACTOR (USING DER NET)	95.8	94.4	75.8
23 UNIT FORCED OUTAGE RATE	0.0	0.0	4.6

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
Refueling shutdown of 6-week duration is scheduled to start on April 9, 1982.

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