

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

February, 1982

OPERATIONS: On February 12, unit load was reduced for condenser water box inspection. The unit was at full load again on February 13.

On February 16, unit load was again reduced for condenser water box inspection. The unit was at full load again on February 17.

MAINTENANCE: Replaced a failed bistable in a rod bottom light circuit.

Replaced a charging pump flow transmitter.

Replaced a shorted relay in a steam exclusion circuit.

Replaced corroded bolts on a SI valve.

Replaced a pilot valve on the CO2 system.

Overhauled a charging pump.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH FEBRUARY, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	514
2	514
3	518
4	514
5	518
6	514
7	514
8	518
9	514
10	514
11	513
12	312
13	505
14	513
15	517
16	266
17	509
18	513
19	513
20	513
21	513
22	514
23	514
24	514
25	514
26	514
27	514
28	514

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH - FEBRUARY, 1982

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
2	2/12/82	F	0.0	B	5	N/A	HF	HTEXCH	2. A load reduction to 45% power was required to permit inspection of the Main Condenser waterboxes and the plugging of one condenser tube due to circulating water leakage into the condenser.
3	2/16/82	F	0.0	B	5	N/A	HF	HTEXCH	3. A load reduction to 45% power was required to permit inspection of the Main Condenser waterboxes and the plugging of two condenser tubes due to circulating water leakage into the condenser.

TYPE

F: Forced
 S: Scheduled

REASON

A-Equipment Failure (Explain)
 E-Maintenance or Test
 C-Refueling
 I-Regulatory Restriction
 E-Operator Training & License Examination
 F-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. RUITER
 TELEPHONE- 414-388-2560 X225

OPERATING STATUS

1 UNIT NAME	Kewaunee
2 REPORTING PERIOD	FEBRUARY, 1982	* NCTES
3 LICENSED THERMAL POWER (MWT)	1650	* As of the end of this reporting period,
4 NAMEPLATE RATING (GROSS MWE)	560	* the unit has been on line continuously
5 DESIGN ELECTRICAL RATING (NET MWE)	535	* for 266 consecutive days.
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 REPORTING PERIOD	672	1416	67561
12 NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1416.0	57417.9
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	12.0	1416.0	56222.8
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1075185	2278659	87085593
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	350400	743100	28695500
18 NET ELECTRICAL ENERGY GENERATED (MWE)	334378	709296	27309553
19 UNIT SERVICE FACTOR	100.0	100.0	83.2
20 UNIT AVAILABILITY FACTOR	100.0	100.0	83.2
21 UNIT CAPACITY FACTOR (USING MDC NET)	96.6	97.3	77.3
22 UNIT CAPACITY FACTOR (USING DEE NET)	93.0	93.6	75.6
23 UNIT FORCED OUTAGE RATE	0.0	0.0	4.7

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

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