

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

February, 1983

OPERATIONS: Normal power operation continued through the entire month of February.

MAINTENANCE: Replaced worn relay parts for an Aux. Building vent relay.

Replaced a defective containment sample solenoid.

Plugged two leaking tubes on D/G inboard heat exchanger.

Replaced a defective D/G oil cooler service water valve.

Adjusted Turbine Driven Aux. Feedwater pump speed control.

Replaced a defective accumulator sample valve.

Replaced plungers and packing on a Charging Pump.

Replaced defective D/G air system relief and check valves.

Replaced a leaking service water valve on Control Room A/C chiller and rebuilt starter.

Replaced a broken trip shaft on a 480V breaker.

Replaced a Shield Building vent damper motor unit.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH FEBRUARY, 1983

DAY AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

1	513
2	513
3	513
4	513
5	509
6	513
7	513
8	513
9	509
10	513
11	513
12	513
13	513
14	513
15	509
16	513
17	509
18	513
19	513
20	509
21	513
22	509
23	513
24	509
25	509
26	505
27	509
28	509

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: March 1, 1983
 COMPLETED BY: G. H. Fuitter
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - FEBRUARY, 1982

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
									No shutdowns or power reductions in February.

TYPE	REASON	METHOD	SYSTEM & COMPONENT CODES
F: Forced S: Scheduled	A-Equipment Failure (Explain) E-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

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, 1983	* NQIES *
3 LICENSED THERMAL POWER (MWT)	1650	* Full power operation continued through *
4 NAMEPLATE RATING (GROSS MWE)	560	* this reporting period. *
5 DESIGN ELECTRICAL RATING (NET MWE)	535	* *
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE)	542	* *
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE)	514	* *

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	76321
12 NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1416.0	65167.6
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	672.0	1416.0	63892.6
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1102759	2321214	99421215
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	360000	758000	32725600
18 NET ELECTRICAL ENERGY GENERATED (MWH)	343751	723713	31148821
19 UNIT SERVICE FACTOR	100.0	100.0	83.7
20 UNIT AVAILABILITY FACTOR	100.0	100.0	83.7
21 UNIT CAPACITY FACTOR (USING MDC NET)	99.5	99.4	78.2
22 UNIT CAPACITY FACTOR (USING DER NET)	95.6	95.5	76.3
23 UNIT FORCED OUTAGE RATE	0.0	0.0	4.2

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 Refueling outage of 8-week duration scheduled to start March 19, 1983.

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