

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
JANUARY, 1981

OPERATIONS: On January 21, speed control was lost to Heater Drain Pump 1B. Unit load was reduced to 90% for repairs. The unit was returned to full load on January 21.

MAINTENANCE: A sticking relay in a service water strainer control circuit was replaced.

Replaced a temperature controller for a control room air conditioning unit.

Replaced a defective summer for overpower setpoint calculation.

Replaced a seal on a waste gas compressor.

Replaced a check valve in an air line for diesel generator air start motors.

Replaced a cracked motor housing on a component cooling valve.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH JANUARY, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	522
2	518
3	518
4	514
5	517
6	514
7	518
8	514
9	514
10	518
11	514
12	518
13	518
14	518
15	518
16	522
17	518
18	518
19	521
20	518
21	509
22	518
23	522
24	518
25	518
26	517
27	522
28	518
29	514
30	518
31	517

OPERATING DATA REPORT

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

OPERATING STATUS

1 UNIT NAME KEWAUNEE
 2 REPORTING PERIOD JANUARY, 1981
 3 LICENSED THERMAL POWER (MWT) 1650
 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) 522

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    * NOTES  Unrestricted unit operations for *
    * the entire reporting period.          *
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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	744	744	58129
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	49066.6
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	744.0	47952.9
15 UNIT RESERVE SUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1223429	1223429	73910653
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	402700	402700	24396900
18 NET ELECTRICAL ENERGY GENERATED (MWH)	385002	385002	23215972
19 UNIT SERVICE FACTOR	100.0	100.0	82.5
20 UNIT AVAILABILITY FACTOR	100.0	100.0	82.5
21 UNIT CAPACITY FACTOR (USING MDC NET)	99.1	99.1	76.2
22 UNIT CAPACITY FACTOR (USING DER NET)	96.7	96.7	74.7
23 UNIT FORCED OUTAGE RATE	0.0	0.0	5.4

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 Refueling shutdown of 6-week duration scheduled to start April 18, 1981.

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

POOR ORIGINAL

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: January 2, 1981
 COMPLETED BY: G. H. Ruiter
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - JANUARY, 1981

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

TYPE

F: Forced
 S: Scheduled

REASON

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)

METHOD

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

SYSTEM & COMPONENT CODES

From NUREG-0161

POOR ORIGINAL