

KEWAUNEE NUCLEAR POWER PLANT

SUMMARY OF OPERATING EXPERIENCE

October, 1980

OPERATIONS: On October 1, the unit was returned to service after a shutdown in September.

On October 26, the unit load was decreased for the monthly turbine stop valve test.

MAINTENANCE: Repaired and calibrated boric acid heat tracing controllers.

Replaced solenoid coil for an ASV damper.

Replaced two valves in an RTD bypass flow manifold.

Replaced defective containment fan coil unit fan hub.

Replaced shaft and sheave assembly on a charging pump.

8011140024

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: November 3, 1980
 COMPLETED BY: G. H. Ruitter
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - OCTOBER, 1980

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
9	9/26/80	F	12.6	A	4	80-032	CB	VALVEX	9. Recovered from forced outage on October 1, 1980.

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

O P E R A T I N G D A T A R E P O R T

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

O P E R A T I N G S T A T U S

1 UNIT NAME	KWAUNEE	*****
2 REPORTING PERIOD	OCTOBER, 1980	* *
3 LICENSED THERMAL POWER (MWT)	1650	* NOTES The unit was placed back on line * * on October 1 to recover from the forced * * outage described in the Shutdown Report. * * Unit operation was unrestricted for the * * remainder of the reporting period. * * *
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)	518	* *

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	745	7320	55921
12 NUMBER OF HOURS REACTOR WAS CRITICAL	739.8	5862.7	46865.1
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	152.7	2330.5
14 HOURS GENERATOR ON-LINE	732.4	5761.9	45757.8
15 UNIT RESERVE SUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1181104	9163685	70314808
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	388800	3027800	23211600
18 NET ELECTRICAL ENERGY GENERATED (MWH)	370269	2885192	22084270
19 UNIT SERVICE FACTOR	98.3	78.7	81.8
20 UNIT AVAILABILITY FACTOR	98.3	78.7	81.8
21 UNIT CAPACITY FACTOR (USING MDC NET)	95.9	75.4	75.4
22 UNIT CAPACITY FACTOR (USING DER NET)	92.9	73.7	73.8
23 UNIT FORCED OUTAGE RATE	1.7	7.4	5.6

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 Refueling shutdown of 6-week duration is scheduled to start April 20, 1981.

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

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH OCTOBER, 1980

DAY AVERAGE DAILY
POWER LEVEL
(MWE-NET)

1	74
2	331
3	520
4	516
5	520
6	516
7	520
8	516
9	520
10	516
11	520
12	516
13	520
14	516
15	520
16	520
17	521
18	517
19	517
20	521
21	521
22	517
23	516
24	521
25	516
26	490
27	516
28	520
29	516
30	521
31	516