KEWAUNEE NUCLEAR POWER PLANT

SUMMARY OF OPERATING EXPERIENCE

FEBRUARY, 1980

OPERATIONS: On February 3, a solenoid valve failure on 1B main feedwater control valve air system caused the valve to shut resulting in a low steam generator water level reactor trip. The unit was returned to service the same day.

MAINTENANCE: Repaired and recalibrated some boric acid heat tracing temperature controllers.

Adjusted steam driven auxiliary feedwater pump governor linkage to provide proper speed control.

Repaired CC system and a CVC system pipe leak.

Modified some seismic hangers on service water piping.

Modified some hangers on RHR piping.

Repaired leaking main steam controlled relief valve.

Rebuilt a charging pump.

Repaired a knife switch in a diesel generator supply circuit breaker.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO- 50-305
UNIT- KEWAUNEE
COMPLETED BY- G. H. RUITER
TELEPHONE- 414-388-2560 X207

REPORT MONTH FEBRUARY, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	530
2	526
3	224
4	513
5	526
6	527
7	527
8	526
9	530
10	527
11	526
12	526
13	525
14	526
15	526
16	526
17	526
18	525
19	526
20	530
21	527
22	526
23	530
24	525
25	526
26	526
27	531
28	527
29	526

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 X207

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

1 UNIT NAME KEWAUNEE

2 REPORTING PERIOD FEBRUARY, 1980

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)	526

NOTES Unrestricted unit operations with the exception of one unscheduled outage as noted.

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
N/A

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11 HOURS IN REPORTING PERIOD	696	1440	50041
12 NUMBER OF HOURS REACTOR WAS CRITICAL	693.8	1173.0	42175.5
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	152.7	2330.5
14 HOURS GENERATOR ON-LINE	691.9	1155.8	41151.6
15 UNIT RESERVE SHTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1124815	1837948	62989071
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	375600	612500	20796300
18 NET ELECTRICAL ENERGY GENERATED (MWH)	359111	584991	19784069
19 UNIT SERVICE FACTOR	99.4	80.3	82.3
20 UNIT AVAILABILITY FACTOR	99.4	80.3	82.2
21 UNIT CAPACITY FACTOR (USING MDC NET)	98.1	77.2	75.4
22 UNIT CAPACITY FACTOR (USING DER NET)	96.4	75.9	73.9
23 UNIT FORCED OUTAGE RATE	0.6	19.7	5.8

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
Refueling; May 10, 1980; six weeks

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: March 1, 1980
COMPLETED BY: G. H. Ruiter
TELEPHONE: 414-388-2560 x207

REPORT MONTH - FEBRUARY, 1980
(JANUARY DATA REPEATED THIS MONTH TO INDICATE LER NUMBER 80-002)

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
1	1/ 4/80	F	15.4	A	3	N/A	EB	ELECON	1. Bus fault from Main Auxiliary transformer resulted in a turbine/reactor trip.
2a	1/17/80	F	158.7	A	3	80-002	EB	TRANSF	2a. Bushing failure in Reserve Auxiliary transformer caused loss of power to all but safeguards busses. Unit trip followed immediately.
2b		F	106.0	A	4	N/A	CB	MECFUN	2b. Apparent failure of No. 2 seal on 1B RCP extended this outage.
3	2/ 3/80	F	4.1	A	3	N/A	HH	VALVOP	3. Solenoid valve failure on 1B main feedwater control valve air system caused the valve to shut resulting in a low steam generator water level reactor trip.

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