

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
January, 1989

OPERATIONS: On January 1, 1989, unit load was reduced to 390 MW gross for performance of the monthly Turbine Stop and Control Valve test. Unit load was then reduced to 126 MW gross to permit the temporary repair of a steam leak on a High Pressure Turbine inspection cover flange. The unit was returned to full load the same day.

MAINTENANCE: Electrical maintenance was routine for the month with completion of reconditioning of the spare 400 HP Service Water Pump motor being most significant.

Mechanical maintenance included various hanger work in response to Bulletin 79-14 inspections, mechanical seal replacement on the CVC Holdup Tank Recirculation Pump and various valve leak repairs.

I&C provided support to the Safety System Functional Inspection effort, recalibrated Boric Acid Tank level indication and replaced a failed reactor trip relay.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH JANUARY, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	291
2	525
3	529
4	530
5	530
6	530
7	530
8	530
9	530
10	530
11	530
12	530
13	530
14	522
15	526
16	522
17	522
18	526
19	522
20	522
21	526
22	522
23	522
24	522
25	526
26	522
27	522
28	522
29	526
30	522
31	522

5224
11

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: February 1, 1989
 COMPLETED BY: G. H. Ruiter
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - JANUARY, 1989

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
1	1/1/89	S	0.0	B	5	NA	HA	TURBIN	1. Unit load was reduced to 126 MWE gross to facilitate temporary repair of a steam leak on a High Pressure Turbine inspection cover flange. The unit was returned to full load the same day.

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	KEWAUNEE	*****	*****
2 REPORTING PERIOD	JANUARY, 1989	* NOTES	*
3 LICENSED THERMAL POWER (MWT)	1650	* Normal power operation continued	*
4 NAMEPLATE RATING (GROSS MWE)	560	* through the reporting period.	*
5 DESIGN ELECTRICAL RATING (NET MWE)	535	*	*
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE)	529	*	*
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE)	503	*****	*****

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	128258
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	109961.9
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	744.0	108307.6
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1204791	1204791	170862909
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	403300	403300	56496900
18 NET ELECTRICAL ENERGY GENERATED (MWH)	385272	385272	53804609
19 UNIT SERVICE FACTOR	100.0	100.0	84.5
20 UNIT AVAILABILITY FACTOR	100.0	100.0	84.4
21 UNIT CAPACITY FACTOR (USING MDC NET)	103.0	103.0	81.5
22 UNIT CAPACITY FACTOR (USING DER NET)	96.8	96.8	78.4
23 UNIT FORCED OUTAGE RATE	0.0	0.0	2.8

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 Refueling outage of five week duration is scheduled to start March 4, 1989.

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