

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
September, 1982

OPERATIONS: On September 12, unit generation was reduced to 73% for the monthly Turbine Stop Valve Test.

MAINTENANCE: Replaced a defective Nuclear Instrumentation Power Range Channel amplifier circuit.

Replaced a defective Boric Acid Heat Tracing temperature control circuit relay.

Replaced a Shield Building Vent Damper hydraulic actuator motor.

Rebuilt a Charging Pump.

Replaced a Control Room Air Conditioning motor.

Replaced a leaking Diesel Generator startup air compressor check valve.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH SEPTEMBER, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	512
2	508
3	508
4	499
5	507
6	512
7	487
8	508
9	512
10	508
11	512
12	487
13	512
14	516
15	512
16	512
17	512
18	516
19	512
20	512
21	512
22	512
23	512
24	512
25	516
26	508
27	512
28	508
29	512
30	512

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: October 1, 1982
 COMPLETED BY: G. H. Ruiters
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - SEPTEMBER, 1982

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
									No shutdowns or load reductions during September.

TYPE	REASON	METHOD	SYSTEM & COMPONENT CODES
F: Forced	A-Equipment Failure (Explain)	1-Manual	From NUREG-0161
S: Scheduled	B-Maintenance or Test	2-Manual Scram	
	C-Refueling	3-Automatic Scram	
	D-Regulatory Restriction	4-Continuations	
	E-Operator Training & License Examination	5-Load Reductions	
	F-Administrative	9-Other	
	G-Operational Error (Explain)		
	H-Other (Explain)		

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 SEPTEMBER, 1982 * NOTES *
 3 LICENSED THERMAL POWER (MWT) 1650 * As of the end of this reporting period *
 4 NAMEPLATE RATING (GROSS MWE) 560 * the unit has been continuously on line *
 5 DESIGN ELECTRICAL RATING (NET MWE) 535 * for 129 days. *
 6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 542 * *
 7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 515 *****
 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	720	6551	72696
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5551.4	61553.3
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	5494.5	60301.3
15 UNIT RESERVE SUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1180708	8822504	93629438
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	385100	2881800	30834200
18 NET ELECTRICAL ENERGY GENERATED (MWH)	366655	2745767	29346024
19 UNIT SERVICE FACTOR	100.0	83.9	83.0
20 UNIT AVAILABILITY FACTOR	100.0	83.9	82.9
21 UNIT CAPACITY FACTOR (USING MDC NET)	98.9	81.4	77.3
22 UNIT CAPACITY FACTOR (USING DER NET)	95.2	78.3	75.5
23 UNIT FORCED OUTAGE RATE	0.0	0.1	4.4

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 None

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