

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

August, 1982

OPERATIONS: On August 15, unit generation was reduced to 74% for the monthly Turbine Stop Valve Test.

MAINTENANCE: Repaired and/or calibrated several boric acid heat tracing, heating and control circuits.

Replaced a static pressure controller for a shield building recirculating damper controller.

Repaired a diesel generator governor oil leak.

Replaced seals on a containment personnel airlock door.

Replaced a gas stripper feed pump.

Replaced a solenoid valve coil for a Zone 57 damper.

Replaced a boric acid concentrates holding tank transfer pump.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH AUGUST, 1982

DAY
 AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

1	512
2	512
3	512
4	512
5	507
6	507
7	507
8	507
9	507
10	507
11	507
12	504
13	507
14	507
15	483
16	507
17	503
18	508
19	508
20	508
21	503
22	508
23	512
24	516
25	512
26	512
27	508
28	512
29	504
30	504
31	503

OPERATING DATA REPORT

DOCKET NO- 50-305
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OPERATING STATUS

1 UNIT NAME	Kewaunee	*****
2 REPORTING PERIOD	AUGUST, 1982	* NOTES
3 LICENSED THERMAL POWER (MWT)	1650	* The unit has been continuously on line
4 NAMEPLATE RATING (GROSS MWE)	560	* for 99 days as of the end of this
5 DESIGN ELECTRICAL RATING (NET MWE)	535	* reporting period.
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	744	5831	71976
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4831.4	60833.3
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	4774.5	59581.3
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MMBtu)	1222402	7641796	92448730
17 GROSS ELECTRICAL ENERGY GENERATED (MWh)	396600	2496700	30449100
18 NET ELECTRICAL ENERGY GENERATED (MWh)	377408	2379112	28979369
19 UNIT SERVICE FACTOR	100.0	81.9	82.8
20 UNIT AVAILABILITY FACTOR	100.0	81.9	82.8
21 UNIT CAPACITY FACTOR (USING MDC NET)	98.5	79.2	77.1
22 UNIT CAPACITY FACTOR (USING DER NET)	94.8	76.3	75.3
23 UNIT FORCED OUTAGE RATE	0.0	0.1	4.5
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			

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

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

TYPE	REASON	METHOD	SYSTEM & COMPONENT CODES
P: Forced	A-Equipment Failure (Explain)	1-Manual	From BUREG-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)		