

REPORT MONTH - SEPTEMBER, 1981

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, 1981

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) 509

* NOTES The unit has been on line for *
* 115 consecutive days. *
* *
* *
* *
* *
* *
* *

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	63936
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5470.3	53792.9
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	5388.9	52597.8
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1161892	8581493	81268717
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	376200	2804400	26798600
18 NET ELECTRICAL ENERGY GENERATED (MWH)	357807	2669789	25500759
19 UNIT SERVICE FACTOR	100.0	82.3	82.3
20 UNIT AVAILABILITY FACTOR	100.0	82.3	82.3
21 UNIT CAPACITY FACTOR (USING MDC NET)	97.6	78.7	76.2
22 UNIT CAPACITY FACTOR (USING DER NET)	92.9	76.2	74.6
23 UNIT FORCED OUTAGE RATE	0.0	0.9	5.0

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

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH AUGUST, 1981

DAY AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

1	512
2	516
3	512
4	516
5	517
6	511
7	516
8	512
9	483
10	507
11	507
12	508
13	508
14	508
15	508
16	512
17	508
18	508
19	503
20	508
21	504
22	504
23	508
24	508
25	503
26	508
27	504
28	504
29	504
30	508
31	503

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

August, 1981

OPERATIONS: The monthly Turbine Stop Valve Test was completed on August 9, 1981.

MAINTENANCE: Repaired and calibrated several boric acid heat tracing control and alarm circuits.

Replaced a photomultiplier tube in a radiation monitor.

Replaced a solenoid coil in a diesel generator room damper.

Repaired an oil leak on a feedwater line shock suppressor.

Replaced a broken stud on an auxiliary feedwater pump steam supply packing gland.

Repaired a chilled water valve and a motor mount on a Control Room air conditioner.

Replaced a cracked charging pump cylinder block.

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: September 1, 1981
COMPLETED BY: G. H. Ruiter
TELEPHONE: 414-388-2560 x225

[illegible]

SYSTEM & COMPONENT CODES

1-Manual
2-Manual Scram
3-Automatic Scram
4-Continuations
5-Load Reductions
9-Other

FROM NUREG-0161

OPERATING DATA REPORT

OPERATING STATUS

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

1 UNIT NAME	Kewanee	*****
2 REPORTING PERIOD	AUGUST, 1981	* NOTES The unit has been on line for 85 *
3 LICENSED THERMAL POWER (MWT)	1650	* consecutive days. *
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)	509	* *

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-TOT-DATE	CUMULATIVE
11 HOURS IN REPORTING PERIOD	744	5831	63216
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4750.3	53072.9
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	4668.9	51877.8
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1222464	7419601	80106825
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	396700	2428200	26422400
18 NET ELECTRICAL ENERGY GENERATED (MWH)	377672	2311982	25142952
19 UNIT SERVICE FACTOR	100.0	80.1	82.1
20 UNIT AVAILABILITY FACTOR	100.0	80.1	82.1
21 UNIT CAPACITY FACTOR (USING MDC NET)	99.7	76.4	76.0
22 UNIT CAPACITY FACTOR (USING DER NET)	94.9	74.1	74.3
23 UNIT FORCED OUTAGE RATE	0.0	1.0	5.1

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