

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
May, 1981

OPERATIONS: On May 1, the fuel shuffle was started.
On May 9, the fuel shuffle was completed.
The annual Diesel Generator blackout test was performed on May 10.
The Reactor Coolant System was filled and vented on May 25 but had to be drained again when Reactor Coolant Pump 1A seal leakoff flow could not be established.
On May 30, the Reactor Coolant System was again filled and vented; a pressurizer bubble was then established and the plant was taken to hot shutdown conditions.
The Reactor Coolant System integrity test was satisfactorily completed on May 31.

MAINTENANCE: The refueling outage was in progress during the entire month.
Surveillance and ISI testing as required by Tech. Specs. is in progress.
Replaced a conoseal on a reactor head instrument port.
Replaced an incore detector on the core mapping system.
Replaced a defective solenoid valve in a sample line for a radiation monitor air sampler.
Replaced a rubber seal on a Spent Fuel Pool gate.
Rebuilt a boric acid evaporator pump.
Repaired a containment fan coil unit leak.
Preventative maintenance on equipment is being performed.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH MAY, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

OPERATING DATA REPORT

DOCKET NO- 50-305
 COMPLETED BY- G. H. RUITER
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OPERATING STATUS

1 UNIT NAME KEWAUNEE
 2 REPORTING PERIOD MAY, 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) 522

 * NOTES The Cycle VI-VII Refueling *
 * Outage continued through the entire *
 * reporting period. *
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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	3623	61008
12 NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	2619.1	50941.7
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	0.0	2608.3	49817.2
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	0	4215448	76902672
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	1384400	25378600
18 NET ELECTRICAL ENERGY GENERATED (MWH)	0	1320221	24151191
19 UNIT SERVICE FACTOR	0.0	72.0	81.7
20 UNIT AVAILABILITY FACTOR	0.0	72.0	81.7
21 UNIT CAPACITY FACTOR (USING MDC NET)	0.0	69.8	75.6
22 UNIT CAPACITY FACTOR (USING DER NET)	0.0	68.1	74.0
23 UNIT FORCED OUTAGE RATE	0.0	1.0	5.2

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 - June 5, 1981

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH - MAY, 1981

NO.	DATE	TYPE	DURATION	REASON	METHOD	LOG NUMBER	SYS	COMPONENT	COMMENTS
4	5/ 1/81	S	744.0	C	4	N/A	ZZ	ZZZZZZ	4. Continued Cycle VI-VII Refueling Outage.
* * * THE FOLLOWING IS A CORRECTION TO THE FEBRUARY REPORT * * *									
1	2/11/81	S	0.0	B	5	N/A	HF	HTEXCH	1. A load reduction to 40% power was taken to permit inspection of the Main Condenser water boxes. One tube was plugged as a result of this inspection.
4	6/ 1/81	S	120.7	C	4	N/A	ZZ	ZZZZZZ	4. Cycle VI-VII Refueling Outage was concluded 6/6/81 at 0044 Hours.
5	6/ 6/81	F	19.7	A	1	N/A			5. The turbine was manually tripped when a high-pitched noise emanated from the area of a turbine bearing. Since power was above 10% the reactor tripped automatically when the turbine was tripped. The noise was caused by a loose turbine shaft flange nut rubbing against the housing.

TYPE	REASON	METHOD	SYSTEM & COMPONENT CODES
F: Forced	A-Equipment Failure (Explain)	1-Manual	From NUREG-0161
S: Scheduled	E-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)		