

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

May, 1984

OPERATIONS: The Cycle IX-X refueling outage was concluded on May 7, 1984 and the unit was released for operation on May 8, 1984.

MAINTENANCE: The unit was returned to service following refueling outage on May 8. Required surveillance testing was completed.

Replaced a defective NIS detector.

Replaced defective cards on the Control Rod Drive system.

Replaced capacitors on the inverter constant voltage transformers.

Replaced various solenoids with EQ solenoids.

Repaired, replaced and/or repacked valves as required.

Replaced seals and bearings in a Component Cooling pump.

Repaired personnel airlock door mechanism.

Completed several cable routes for Appendix F modifications.

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R PDR

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AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH MAY, 1984

DAY AVERAGE DAILY
POWER LEVEL
(MWE-NET)

1	0
2	0
3	0
4	0
5	0
6	0
7	19
8	71
9	190
10	210
11	368
12	372
13	384
14	479
15	512
16	516
17	520
18	520
19	520
20	520
21	520
22	524
23	520
24	524
25	524
26	520
27	524
28	520
29	524
30	520
31	524

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: June 1, 1984
 COMPLETED BY: G. H. Putter
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - MAY, 1984

NO.	DATE	TYPE	DURATION	REASON	METHCD	IEB NUMBER	SYS	COMPONENT	COMMENTS
2	5/ 1/84	S	157.6	C	4	N/A	ZZ	ZZZZZZ	2. Continued Cycle IX-X refueling outage. The outage concluded on 5/7/84 at 1337 Hours.
3	5/ 7/84	F	3.3	B	3	84-09	IA	TURBIN	3. While performing Turbine trip mechanism tests, an actual reactor/turbine trip was initiated during testing of the Thrust Bearing trip due to an incorrectly wired Auto Stop Trip Pressure Switch.
4	5/ 7/84	F	5.0	G	3	84-10	CH	ZZZZZZ	4. A reactor/turbine trip occurred on low-low Steam Generator level during unit startup while transferring from manual to automatic feedwater regulation valve control.
5	5/ 8/84	S	2.8	B	1	N/A	HA	TURBIN	5. A short outage was taken to perform Turbine overspeed trip tests.

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)

METHCD

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

SYSTEM & COMPONENT CODES

From NUREG-0161

OPERATING DATA REPORT

DCCKET NC- 50-305
 COMPLETED BY- G. H. FUITER
 TELEPHONE- 414-388-2560 X225

OPERATING STATUS

1 UNIT NAME KEWAUNEE
 2 REPORTING PERIOD MAY, 1984
 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) 529
 7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 503

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 * NOTES
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 * The unit returned to power operation on
 * May 7, ending the cycle IX-X refueling
 * outage.
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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-LATE	CUMULATIVE
11 HOURS IN REPORTING PERIOD	744	3647	87312
12 NUMBER OF HOURS REACTOR WAS CRITICAL	614.0	2437.8	73617.7
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	575.3	2398.7	72211.1
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	837414	3735603	112706689
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	276900	1229200	37087300
18 NET ELECTRICAL ENERGY GENERATED (MWH)	262749	1171272	35303308
19 UNIT SERVICE FACTOR	77.3	65.8	82.7
20 UNIT AVAILABILITY FACTOR	77.3	65.8	82.7
21 UNIT CAPACITY FACTOR (USING MDC NET)	70.2	63.8	77.7
22 UNIT CAPACITY FACTOR (USING DER NET)	66.0	60.0	75.6
23 UNIT FORCED OUTAGE RATE	1.4	0.3	3.8

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

WISCONSIN PUBLIC SERVICE CORPORATION



P.O. Box 1200, Green Bay, Wisconsin 54305

June 8, 1984

Director,
Office of Inspection and Enforcement
Attention Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Monthly Operating Report

The narrative "Summary of Operating Experience" and completed forms covering plant and component availability for the Kewaunee Nuclear Power Plant for May 1984 are enclosed.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Carl W. Giesler".

C. W. Giesler
Vice President - Power Production

JGT/js

Enc.

cc - Mr. J. G. Keppler, Reg Adm
US NRC - Region III
Mr. Robert Nelson, NRC Sr Resident Inspector
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