

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

April, 1985

OPERATIONS: The Cycle X-XI refueling outage was concluded on April 11, 1985.

A short outage was taken on April 11, 1985 to perform the Turbine overspeed trip test.

MAINTENANCE: The Unit was returned to service following refueling outage on April 11. Required surveillance testing was completed.

Replaced a defective pressurizer level transmitter.

Replaced four incore detectors.

Replaced a defective Containment Isolation relay and a Reactor Control/Protection relay.

Repaired, replaced, and/or repacked valves as required.

Inspected and repaired various snubbers.

Repaired and/or replaced several ventilation system dampers.

Rebuilt and updated the personnel airlock door mechanism.

Completed several Appendix B and EQ modifications.

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AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH APRIL, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
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1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	41
12	185
13	344
14	389
15	390
16	489
17	530
18	529
19	528
20	524
21	524
22	524
23	524
24	529
25	524
26	525
27	524
28	522
29	524
30	524

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: May 1, 1985
COMPLETED BY: G. H. Rutter
TELEPHONE: 414-388-2560 x225

REPORT MONTH - APRIL, 1985

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
1	4/ 1/85	S	250.1	C	4	N/A	ZZ	ZZZZZZ	1. Continued the Cycle X-XI Refueling Outage. The outage was concluded on April 11, 1985.
2	4/11/85	S	1.3	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)

METHOD

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

SYSTEM & COMPONENT CODES

From NUREG-0161

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 APRIL, 1985 *
3 LICENSED THERMAL POWER (MWT) 1650 * NOTES *
4 NAMEPLATE RATING (GROSS MWE) 560 * The Cycle X-XI refueling outage was *
5 DESIGN ELECTRICAL RATING (NET MWE) 535 * ended on April 11, 1985. *
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 529 *
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 503 *****

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	719	2879	95328
12 NUMBER OF HOURS REACTOR WAS CRITICAL	504.2	1416.3	80166.8
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	467.6	1379.7	78720.4
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	682721	2178048	123245172
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	231600	727400	40584700
18 NET ELECTRICAL ENERGY GENERATED (MWH)	220130	693507	38635543
19 UNIT SERVICE FACTOR	65.0	47.9	82.6
20 UNIT AVAILABILITY FACTOR	65.0	47.9	82.6
21 UNIT CAPACITY FACTOR (USING MDC NET)	60.9	47.9	78.1
22 UNIT CAPACITY FACTOR (USING DER NET)	57.2	45.0	75.8
23 UNIT FORCED OUTAGE RATE	0.0	0.0	3.5

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

WISCONSIN PUBLIC SERVICE CORPORATION

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



May 10, 1985

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 April 1985 are enclosed in accordance with Technical Specification 6.9.1(c).

Very truly yours,

A handwritten signature in cursive script that reads "Charles A. Schrock for".

D. C. Hintz
Manager - Nuclear Power

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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Mr. S. A. Varga, Chief
US NRC - Div. of Licensing
INPO Records Center, Suite 1500,
1100 Circle 75 Parkway,
Atlanta, GA 30339

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