

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
February, 1986

OPERATIONS: Reactor Coolant System boron concentration is less than 150 PPM; therefore, the turbine stop and governor valve test was not performed this month as allowed by Technical Specifications.

MAINTENANCE: Replaced defective capacitors in a NIS scaler timer.

Rebuilt a Service Water pump and motor.

Performed an oil flush on a Diesel Generator governor.

Performed EQ upgrade on several Limitorque valves.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH FEBRUARY, 1986

DAY	AVERAGE DAILY POWER LEVEL (MWP-NET)
1	526
2	522
3	526
4	526
5	522
6	526
7	522
8	522
9	526
10	522
11	522
12	526
13	517
14	526
15	522
16	522
17	526
18	522
19	522
20	514
21	501
22	501
23	489
24	489
25	484
26	476
27	476
28	366

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: March 1, 1986
 COMPLETED BY: G. H. Ruiter
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - FEBRUARY, 1986

NO.	DATE	TYPE	DURATION	REASON	METHOD	LEP NUMBER	SYS	COMPONENT	COMMENTS
1	2/28/86	S	0.0	R	4	NA	ZZ	ZZZZZZ	1. Unit load was reduced to 44.5% for end of life physics testing.
2	2/28/86	S	0.5	C	1	EA	ZZ	ZZZZZZ	2. Commenced Cycle XI-XII refueling outage.

TYPE	REASON	METHOD	SYSTEM & COMPONENT CODES
F: Forced	A-Equipment Failure (Explain)	1-Manual	From NURPG-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 KRWANNEY

2 REPORTING PERIOD FEBRUARY, 1986

3 LICENSED THERMAL POWER (MWT) 1650

4 NAMEPLATE RATING (GROSS MWP) 560

5 DESIGN ELECTRICAL RATING (NET MWP) 535

6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWP) 529

7 MAXIMUM DEPENDABLE CAPACITY (NET MWP) 503

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* NOTES
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* Normal power operation continued
* through this reporting period.
* The scheduled refueling outage began on
* February 28, 1986.
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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 MWP) None

10 REASONS FOR RESTRICTIONS, IF ANY

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11 HOURS IN REPORTING PERIOD	672	1016	102625
12 NUMBER OF HOURS REACTOR WAS CRITICAL	671.8	1015.8	87432.8
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	671.5	1015.5	85971.0
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1067018	2284899	135001731
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	357800	765200	44503700
18 NET ELECTRICAL ENERGY GENERATED (MWH)	301668	730923	42372135
19 UNIT SERVICE FACTOR	99.9	100.0	83.8
20 UNIT AVAILABILITY FACTOR	99.9	100.0	83.8
21 UNIT CAPACITY FACTOR (USING NDC NET)	101.1	102.6	79.8
22 UNIT CAPACITY FACTOR (USING DER NET)	95.0	96.5	77.2
23 UNIT FORCED OUTAGE RATE	0.0	0.0	3.7

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 - April 22, 1986



WISCONSIN PUBLIC SERVICE CORPORATION

600 North Adams • P.O. Box 19002 • Green Bay, WI 54307-9002

March 10, 1986

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 February 1986 are enclosed in accordance with Technical Specification 6.9.1(c).

Very truly yours,

A handwritten signature in dark ink, appearing to read "D. C. Hintz".

D. C. Hintz
Manager - Nuclear Power

WRC/jms
Enc.

cc - Mr. J. G. Keppler, Reg Adm
US NRC - Region III
Mr. Robert Nelson, NRC Sr Resident Inspector
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Atlanta, GA 30339

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