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 RUITER, G.H. Wisconsin Public Service Corp.
 EVERS, K.H. Wisconsin Public Service Corp.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating report for Jan 1991 for Kewaunee Nuclear Power Plant. W/910208 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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WISCONSIN PUBLIC SERVICE CORPORATION

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

February 8, 1991

10 CFR 50.36

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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 January 1991 are enclosed in accordance with Technical Specification 6.9.1(c).

Sincerely,

for K. H. Evers
Manager - Nuclear Power

BAP/jms

Enc.

cc - US NRC - Region III

Mr. Patrick Castleman, US NRC
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9102130208 910131
PDR ADOCK 05000305
R PDR

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

JANUARY, 1991

OPERATIONS: Normal power operation continued through the month of January.

MAINTENANCE: Electrical maintenance activities for the month included replacement of a Reactor Coolant hot leg sample valve and completion of numerous circuit breaker and motor control center preventative maintenance procedures.

Mechanical maintenance included packing adjustments on a Steam Generator blowdown isolation valve and a Component Cooling heat exchanger temperature control valve, restoration of various pipe supports, and completion of various system fan coil unit preventative maintenance procedures.

Instrument and Control replaced a failed analog to digital converter board on one channel of Inadequate Core Cooling Monitoring System, made adjustments to the R-12 check source, repaired an air leak on a Charging Pump speed controller, replaced a boric acid heat tracing temperature controller, and replaced flow indicators on radiation process monitors for Service Water and Circulating Water Systems. A Boric Acid Tank lo/lo level alarm and a Steam Generator lo/lo pressure bistable were found out of specification during routine monthly surveillance and repaired.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO- 50-305
UNIT- KEWAUNEE
COMPLETED BY- G. H. RUITER
TELEPHONE- 414-388-2560 X2225

REPORT MONTH JANUARY, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	520
2	520
3	520
4	520
5	520
6	520
7	520
8	520
9	520
10	524
11	516
12	520
13	520
14	520
15	520
16	520
17	520
18	516
19	520
20	520
21	520
22	520
23	520
24	520
25	520
26	515
27	520
28	520
29	519
30	519
31	519

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: February 1, 1991
 COMPLETED BY: G. H. Ruitter
 TELEPHONE: 414-388-2560 x2225

REPORT MONTH - JANUARY, 1991

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
									No shutdowns or power reductions in January.

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 X2225

OPERATING STATUS

1 UNIT NAME KEWAUNEE *****
 *
 2 REPORTING PERIOD JANUARY, 1991 * NOTES *
 *
 3 LICENSED THERMAL POWER (MWT) 1650 * Normal power operation continued *
 * through this reporting period. *
 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 *****
 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	744	145778
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	125098.6
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	744.0	123368.6
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1220109	1220109	195082735
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	405900	405900	64540200
18 NET ELECTRICAL ENERGY GENERATED (MWH)	386407	386407	61448392
19 UNIT SERVICE FACTOR	100.0	100.0	84.6
20 UNIT AVAILABILITY FACTOR	100.0	100.0	84.6
21 UNIT CAPACITY FACTOR (USING MDC NET)	103.3	103.3	82.1
22 UNIT CAPACITY FACTOR (USING DER NET)	97.1	97.1	78.8
23 UNIT FORCED OUTAGE RATE	0.0	0.0	2.5
24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)	Refueling shutdown of eight week duration scheduled to start March 8, 1991.		
25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A	N/A		