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

SUBJECT: Monthly operating rept for Jan 1990 for Kewaunee Nuclear Power Plant. W/900209 ltr.

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WISCONSIN PUBLIC SERVICE CORPORATION

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

February 9, 1990

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 1990 are enclosed in accordance with Technical Specification 6.9.1(c).

Sincerely,

A handwritten signature in black ink, appearing to read "K. H. Evers".

K. H. Evers
Manager - Nuclear Power

BAP/jms

Enc.

cc - US NRC - Region III
Mr. Patrick Castleman, US NRC
N 490, Highway 42, Kewaunee, WI 54216-9510
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1100 Circle 75 Parkway,
Atlanta, GA 30339

9002140274 900131
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Handwritten initials "TE24" in black ink, with a vertical line drawn below them.

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
JANUARY, 1990

OPERATIONS: On January 24, 1990, unit load was reduced to 285 MW gross for one and one half hours to permit repair of an oil leak on a Main Feedwater Pump stepup gear.

MAINTENANCE: Plant Mechanical Maintenance repaired several leaks on a Charging Pump, repaired various minor valve packing leaks and supported the Service Water System piping inspection program.

Plant Electricians refurbished a Charging Pump DC drive armature and continued Boric Acid Heat Trace replacement and upgrade.

Plant Instrumentation & Control personnel also supported Boric Acid Heat Trace System work with various controller and alarm repairs and calibrations, performed routine surveillances, and repaired a Shield Building Ventilation hydraulic damper actuation package.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH JANUARY, 1990

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	524
2	516
3	524
4	520
5	516
6	520
7	520
8	520
9	516
10	520
11	520
12	516
13	520
14	516
15	520
16	520
17	516
18	516
19	520
20	516
21	520
22	516
23	520
24	450
25	520
26	516
27	520
28	520
29	516
30	520
31	520

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: February 1, 1990
 COMPLETED BY: G. H. Ruiter
 TELEPHONE: 414-388-2560 x2225

REPORT MONTH - JANUARY, 1990

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

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 JANUARY, 1990 * NOTES *
 *
 3 LICENSED THERMAL POWER (MWT) 1650 * Normal power operation continued through *
 * the 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	137018
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	117398.1
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	744.0	115699.5
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1217978	1217978	182710176
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	403500	403500	60431300
18 NET ELECTRICAL ENERGY GENERATED (MWH)	384245	384245	57545393
19 UNIT SERVICE FACTOR	100.0	100.0	84.4
20 UNIT AVAILABILITY FACTOR	100.0	100.0	84.4
21 UNIT CAPACITY FACTOR (USING MDC NET)	102.7	102.7	81.7
22 UNIT CAPACITY FACTOR (USING DER NET)	96.5	96.5	78.5
23 UNIT FORCED OUTAGE RATE	0.0	0.0	2.6
24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH) Refueling shutdown of six-week duration scheduled to start March 2, 1990.			
25 IF SHUT DOWN AT END OF REPDRT PERIOD, ESTIMATED DATE OF STARTUP - N/A			