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SCHROCK,C.A. Wisconsin Public Service Corp.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1991 for Kewaunee Nuclear
Power Plant.W/920210 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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February 10, 1992

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

Reference: 1) Letter from C. A. Schrock (WPSC) to NRC Document Control desk dated
November 14, 1991

The narrative "Summary of Operating Experience" and completed forms covering plant and component availability for the Kewaunee Nuclear Power Plant for January 1992 are enclosed in accordance with Technical Specification 6.9.1(c).

Also enclosed are Operating Data Reports for November and December 1991 with corrections of cumulative data which were affected by the modified October, 1991 data submitted by Reference 1.

Sincerely,

C.A. Schrock

C. A. Schrock
Manager-Nuclear Engineering

BAP/jms

Enc.

cc - US NRC - Region III

Mr. Patrick Castleman, US NRC
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KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
JANUARY, 1992

OPERATIONS: Normal power operation continued through this reporting period.

MAINTENANCE: The Instrument and Control Group completed its evaluation of the Auxiliary Feedwater Pump lube oil pump control pressure switches in an attempt to resolve the timing issue of the Turbine Driven Auxiliary Feedwater Pump steam admission valve, MS-102. The I & C Group also recalibrated several bistables during the performance of its regularly scheduled monthly surveillance procedures, completed an inspection and maintenance of Diesel Generator B vibration equipment and engine pre-failure alarm, and completed inspection of LT-428 output wiring looking for insulation damage which would have occurred when the instrument was manufactured per a recent 10 CFR 21 report.

Mechanical and Electrical maintenance activities included replacement of fan shaft and bearings to correct increasing vibration in a battery room fan coil unit, replacement of failed cabinet cooling fan for an instrument bus inverter, refurbishment of breaker and motor for a battery room exhaust fan, replacement of a failed thermocouple in a boric acid heat trace circuit, and initiation of a search for an acceptable replacement for an unavailable VAR meter which failed during the Diesel Generator monthly surveillance test.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH JANUARY, 1992

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
-----	---

1	524
2	520
3	520
4	519
5	524
6	519
7	523
8	519
9	519
10	519
11	519
12	519
13	524
14	519
15	519
16	523
17	520
18	519
19	519
20	524
21	519
22	520
23	524
24	519
25	524
26	519
27	519
28	524
29	520
30	519
31	519

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: February 3, 1992
COMPLETED BY: G. H. Ruiter
TELEPHONE: 414-388-2560 x2225

REPORT MONTH - JANUARY, 1992

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 X2225

OPERATING STATUS

1 UNIT NAME	KEWAUNEE	*****
2 REPORTING PERIOD	JANUARY, 1992	* NOTES
3 LICENSED THERMAL POWER (MWT)	1650	* Normal power operation continued through
4 NAMEPLATE RATING (GROSS MWE)	560	* this reporting period.
5 DESIGN ELECTRICAL RATING (NET MWE)	535	*
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE)	537	*
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE)	511	*****

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	154538
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	132404.6
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	744.0	130617.2
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1222525	1222525	206700839
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	407000	407000	68411800
18 NET ELECTRICAL ENERGY GENERATED (MWH)	387331	387331	65124289
19 UNIT SERVICE FACTOR	100.0	100.0	84.5
20 UNIT AVAILABILITY FACTOR	100.0	100.0	84.5
21 UNIT CAPACITY FACTOR (USING MDC NET)	101.9	101.9	82.2
22 UNIT CAPACITY FACTOR (USING DER NET)	97.3	97.3	78.8
23 UNIT FORCED OUTAGE RATE	0.0	0.0	2.3

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
Refueling outage of 6-week duration scheduled to start March 6, 1992.

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A

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 NOVEMBER, 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) 537 *
*
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 511 *****

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	720	8016	153050
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6562.0	130916.6
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	6504.6	129129.2
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1182454	10404082	204266708
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	394600	3465900	67600200
18 NET ELECTRICAL ENERGY GENERATED (MWH)	375419	3290011	64351996
19 UNIT SERVICE FACTOR	100.0	81.1	84.4
20 UNIT AVAILABILITY FACTOR	100.0	81.1	84.4
21 UNIT CAPACITY FACTOR (USING MDC NET)	102.0	81.0	82.0
22 UNIT CAPACITY FACTOR (USING DER NET)	97.5	76.7	78.6
23 UNIT FORCED OUTAGE RATE	0.0	0.4	2.4

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
Refueling outage of 6-week duration scheduled to start March 6, 1992.

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A

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	DECEMBER, 1991	* NOTES
3 LICENSED THERMAL POWER (MWT)	1650	* Normal power operation continued through
4 NAMEPLATE RATING (GROSS MWE)	560	* this reporting period.
5 DESIGN ELECTRICAL RATING (NET MWE)	535	*
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE)	537	*
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE)	511	*****

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	8760	153794
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7306.0	131660.6
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	7248.6	129873.2
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1211606	11615688	205478314
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	404600	3870500	68004800
18 NET ELECTRICAL ENERGY GENERATED (MWH)	384962	3674973	64736958
19 UNIT SERVICE FACTOR	100.0	82.7	84.5
20 UNIT AVAILABILITY FACTOR	100.0	82.7	84.4
21 UNIT CAPACITY FACTOR (USING MDC NET)	101.3	82.7	82.1
22 UNIT CAPACITY FACTOR (USING DER NET)	96.7	78.4	78.7
23 UNIT FORCED OUTAGE RATE	0.0	0.4	2.4

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
Refueling outage of 6-week duration scheduled to start March 6, 1992.

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A