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

SUBJECT: Monthly operating rept for Nov 1992 for KNPP.W/921210 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

December 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

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

Sincerely,

A handwritten signature in cursive script that reads "C. A. Schrock".

C. A. Schrock
Manager-Nuclear Engineering

BAP/jms

Enc.

cc - US NRC - Region III
Mr. Patrick Castleman, US NRC
N 490, Highway 42, Kewaunee, WI 54216-9510
INPO Records Center, Suite 1500,
1100 Circle 75 Parkway,
Atlanta, GA 30339

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9212160291 921130
PDR ADOCK 05000305
R PDR 100024

Handwritten initials "IF29" with a vertical line underneath.

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
NOVEMBER, 1992

OPERATIONS: A forced outage occurred during this reporting period.

MAINTENANCE: The month began with a plant trip at 2340 hrs on November 1, as a result of debris from Lake Michigan blocking the intake water traveling screens. The blockage caused damage to two of the four inlet screen units which were repaired by maintenance crews.

Other electrical and mechanical work for the month included replacement of chemical and volume control charging pump cylinder packing, balance of control room air conditioning unit fans, and repair of a heat trace circuit on the chemical and volume control makeup system.

Instrument & Control group activities included supporting the plants return to operation following the plant trip by replacing the volume booster and verifying the stroke of main feedwater control valve FW-7A.

When the plant was returned to service, routine activities included the replacement of bistable TC-403F (Lo Tavg FW Interlock) and TC-408 C/D (Overtemperature Delta-T Trip/Overtemperature Rod Stop) during the performance of monthly surveillance due to drift problems. Also, the solid wire conductor cables between the terminal block and existing splice for both trains of shield building vent assembly heating coil temperature switches were replaced.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO- 50-305
UNIT- KEWAUNEE
COMPLETED BY- M. L. ANDERSON
TELEPHONE- 414-388-2560 X2453

REPORT MONTH NOVEMBER, 1992

DAY AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

1	515
2	0
3	90
4	495
5	520
6	524
7	520
8	525
9	525
10	520
11	524
12	520
13	524
14	520
15	524
16	520
17	524
18	529
19	525
20	524
21	525
22	525
23	529
24	525
25	524
26	529
27	525
28	525
29	529
30	524

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: December 8, 1992
 COMP BY: Mary L. Anderson
 TELEPHONE: 414-388-2560 x2453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - NOVEMBER, 1992

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
4	11-01-92	F	35.7 hrs	A	2	92-020	WG	FILTER	The manual reactor trip occurred at 2340 hours on November 1, 1992 and initiated due to a buildup of organic material and debris on the traveling water screens which resulted in a low forebay level and failure of the screens. Strong easterly winds concentrated excessive debris near KNPPs intake structure.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & COMPONENT CODES</u>
F: FORCED S: SCHEDULED	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)	1-Manual 2-Manual Scram 3-Automatic Scram 4-Continuations 5-Load Reductions 9-Other	From NUREG-0161

OPERATING DATA REPORT

DOCKET NO- 50-305
 COMPLETED BY- M. L. ANDERSON
 TELEPHONE- 414-388-2560 X2453

OPERATING STATUS

1 UNIT NAME KEWAUNEE *****
 *
 2 REPORTING PERIOD NOVEMBER, 1992 * NOTES *
 *
 3 LICENSED THERMAL POWER (MWT) 1650 * A forced outage occurred during *
 * 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	8040	161834
12 NUMBER OF HOURS REACTOR WAS CRITICAL	690.1	6981.9	138642.6
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	684.3	6940.1	136813.2
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1113009	11217056	216695370
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	370900	3731800	71736600
18 NET ELECTRICAL ENERGY GENERATED (MWH)	353459	3547671	68284629
19 UNIT SERVICE FACTOR	95.0	86.3	84.5
20 UNIT AVAILABILITY FACTOR	95.0	86.3	84.5
21 UNIT CAPACITY FACTOR (USING MDC NET)	96.1	86.4	82.3
22 UNIT CAPACITY FACTOR (USING DER NET)	91.8	82.5	78.9
23 UNIT FORCED OUTAGE RATE	5.0	1.4	2.3

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 Refueling outage of six-week duration is scheduled to start March 5, 1993.

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