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AUTH. NAME AUTHOR AFFILIATION
ANDERSON, M.L. Wisconsin Public Service Corp.
MARCHI, M.L. Wisconsin Public Service Corp.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Dec 1995 for Kewaunee Nuclear Power Plant.W/960110 ltr.

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WISCONSIN PUBLIC SERVICE CORPORATION

NRC-96-3

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

January 10, 1996

10 CFR 50.36

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Ladies/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 December 1995 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

A handwritten signature in cursive script, appearing to read "M. L. Marchi".

M. L. Marchi
Manager-Nuclear Business Group

MLA

Enc.

cc - US NRC - Region III
NRC Senior Resident Inspector
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**KEWAUNEE NUCLEAR POWER PLANT - DOCKET 50-305
SUMMARY OF OPERATING EXPERIENCE**

December, 1995

The unit continues to operate at 98% steady state power operation.

The Instrument and Control group's activities for the month were routine with the following highlights:

- **Assisted Mechanical Maintenance with rebuild of H2 Recombiner A Suction valve due to timing problems.**
- **Replaced solenoid valve on Control Rod Drive Room Supply Steam Exclusion Damper.**
- **Repaired/recalibrated a Foxboro H-Line Control box.**

Maintenance Work Request Summary for December

Mechanical

Mechanical maintenance activities for December included inspecting and cleaning zebra mussel shells from the 1A Component Cooling Water Heat Exchanger due to the killing of the mussels to prevent blockage. Various valve work included replacing the relief valve on the 1B2 Diesel Generator start up air compressor receiver and repairing a broken diaphragm on the 1A Fan Floor fan coil unit service water supply valve. A new discharge air cooler was also installed on the 1A air compressor.

Electrical

Electrical work included repair of a 4160V breaker for a service water pump and diagnostic testing of the safety injection pump motor operated supply valve.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH DECEMBER, 1995

DAY AVERAGE DAILY
POWER LEVEL
(MWE-NET)

1	517
2	517
3	517
4	517
5	517
6	517
7	517
8	517
9	517
10	517
11	517
12	521
13	517
14	517
15	517
16	517
17	521
18	517
19	517
20	517
21	521
22	517
23	517
24	517
25	517
26	521
27	517
28	517
29	517
30	517
31	517

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: January 8, 1996
COMP BY: Mary L. Anderson
TELEPHONE: 414-388-2560 x2453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - DECEMBER, 1995

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
									No shutdown or power reductions in December

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- M. L. ANDERSON
 TELEPHONE- 414-388-2560 X2453

OPERATING STATUS

1 UNIT NAME KEWAUNEE *****
 *
 2 REPORTING PERIOD DECEMBER, 1995 * NOTES *
 *
 3 LICENSED THERMAL POWER (MWT) 1650 * Unit at 98% Steady State Power *
 *
 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	744	8760	188858
12 NUMBER OF NCURS REACTOR WAS CRITICAL	744.0	7690.5	162465.5
13 REACTOR RESERVE SHUTDOWN NCURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	7645.8	160492.6
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1208346	11996160	254413502
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	403400	3991000	84318000
18 NET ELECTRICAL ENERGY GENERATED (MWH)	384916	3793416	80246916
19 UNIT SERVICE FACTOR	100.0	87.3	85.0
20 UNIT AVAILABILITY FACTOR	100.0	87.3	85.0
21 UNIT CAPACITY FACTOR (USING MDC NET)	101.2	84.7	82.9
22 UNIT CAPACITY FACTOR (USING DER NET)	96.7	80.9	79.4
23 UNIT FORCED OUTAGE RATE	0.0	0.2	2.0

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 N/A

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