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

SUBJECT: Monthly operating rept for Sept 1994 for Kewaunee Nuclear Power Plant. W/941007 ltr.

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WISCONSIN PUBLIC SERVICE CORPORATION

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October 7, 1994

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 September 1994 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

A handwritten signature in cursive script, appearing to read "C. A. Schrock".

C. A. Schrock
Manager-Nuclear Engineering

BJD/jmf

Enc.

cc - US NRC - Region III
NRC Senior Resident Inspector
INPO Records Center

LICANRC\MOR

9410140087 940930
PDR ADOCK 05000305
R PDR

Handwritten initials, possibly "JES", followed by a vertical line and a small mark.

DOCKET 50-305

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

September, 1994

100%, steady state power operation continued during the reporting period.

Mechanical and Electrical activities for the month included:

- Performance testing of various safety related Fan Coil Units.
- Replacement of housing cover bolts on various Motor Operated Valve operators.
- Replacement of diaphragm for valve LCV-315, Boric Acid Evaporator Stripping Column Level Control valve.
- Replacement of belts for A Control Room Air Conditioning Fan.

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

- Repaired/replaced four Foxboro H Line modules which were found out of tolerance during surveillance testing or had failed during normal operations.
- Replaced solenoid valve on Reactor Coolant Drain Tank vent control valve which was found to be leaking air excessively.

A V E R A G E D A I L Y U N I T P O W E R L E V E L

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

REPORT MONTH SEPTEMBER, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	523
2	523
3	523
4	523
5	523
6	523
7	523
8	523
9	523
10	519
11	523
12	518
13	523
14	527
15	522
16	523
17	523
18	523
19	523
20	523
21	523
22	519
23	523
24	523
25	523
26	523
27	523
28	519
29	523
30	523

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: October 7, 1994
COMP BY: Mary L. Anderson
TELEPHONE: 414-388-2560 x2453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - SEPTEMBER, 1994

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
									No shutdowns or outages occurred during this reporting period.

- | | | | |
|---------------------------|--|--|--|
| <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 SEPTEMBER, 1994 * NOTES *
 *
 3 LICENSED THERMAL POWER (MWT) 1650 * Unit at 100%, 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	720	6551	177889
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5571.8	152566.0
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	5530.2	150637.7
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1187543	8835818	238775964
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	395700	2951700	79112800
18 NET ELECTRICAL ENERGY GENERATED (MWH)	376024	2805465	75297417
19 UNIT SERVICE FACTOR	100.0	84.4	84.7
20 UNIT AVAILABILITY FACTOR	100.0	84.4	84.7
21 UNIT CAPACITY FACTOR (USING MDC NET)	102.2	83.8	82.6
22 UNIT CAPACITY FACTOR (USING DER NET)	97.6	80.0	79.1
23 UNIT FORCED OUTAGE RATE	0.0	0.0	2.1

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 None

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - NA