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ANDERSEN, M.L. Wisconsin Public Service Corp.
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RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1996 for Kewaunee Nuclear
Power Plant. W/960610 ltr.

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WISCONSIN PUBLIC SERVICE CORPORATION

NRC-96-55

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

June 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 May 1996 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
INPO Records Center

9606140333 960531
PDR ADOCK 05000305
R PDR

0060

Handwritten initials in a stylized, slanted font, possibly reading "JEA" or similar.

**KEWAUNEE NUCLEAR POWER PLANT - DOCKET 50-305
SUMMARY OF OPERATING EXPERIENCE**

May, 1996

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:

- Replaced two EQ-H1 solenoid coils at power
- Vented a Steam Generator Level transmitter at power
- Repaired/Recalibrated four Foxboro H-Line control boxes

Maintenance group activities for the month were routine with the following highlights:

Mechanical

Activities for May included changing the mechanical seals on the 1B Component Cooling pump along with inspecting the component cooling discharge check valve CC3B. Additionally the air lines to the emergency diesel generator air start motors were replaced.

Electrical

Electrical activities for May were routine with the exception of replacing the 1B Component Cooling pump motor.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH MAY, 1996

DAY AVERAGE DAILY
POWER LEVEL
(MWE-NET)

| | |
|----|-----|
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| 30 | 512 |
| 31 | 516 |

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: June 7, 1996
COMP BY: Mary L. Anderson
TELEPHONE: 414-388-2560 x2453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - MAY, 1996

| NO. | DATE | TYPE | DURATION | REASON | METHOD | LER NO. | SYS | COMPONENT | COMMENTS |
|-----|------|------|----------|--------|--------|---------|-----|-----------|---|
| | | | | | | | | | No shutdowns or power reductions in May |
| | | | | | | | | | |
| | | | | | | | | | |
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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

O P E R A T I N G D A T A R E P O R T

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

O P E R A T I N G S T A T U S

| | | | |
|--|--|-------------------------------|---|
| 1 UNIT NAME KEWAUNEE | | ***** | |
| | | * | * |
| 2 REPORTING PERIOD MAY, 1996 | | * NOTES | * |
| | | * | * |
| 3 LICENSED THERMAL POWER (MWT) 1650 | | * 100% Steady State Operation | * |
| | | * | * |
| 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 | 3647 | 192505 |
| 12 NUMBER OF HOURS REACTOR WAS CRITICAL | 744.0 | 3619.7 | 166085.2 |
| 13 REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 2330.5 |
| 14 HOURS GENERATOR ON-LINE | 744.0 | 3614.7 | 164107.3 |
| 15 UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 10.0 |
| 16 GROSS THERMAL ENERGY GENERATED (MWH) | 1205079 | 5847340 | 260260842 |
| 17 GROSS ELECTRICAL ENERGY GENERATED (MWH) | 402800 | 1950500 | 86268500 |
| 18 NET ELECTRICAL ENERGY GENERATED (MWH) | 383497 | 1858645 | 82105561 |
| 19 UNIT SERVICE FACTOR | 100.0 | 99.1 | 85.3 |
| 20 UNIT AVAILABILITY FACTOR | 100.0 | 99.1 | 85.2 |
| 21 UNIT CAPACITY FACTOR (USING MDC NET) | 100.9 | 99.7 | 83.2 |
| 22 UNIT CAPACITY FACTOR (USING DER NET) | 96.3 | 95.3 | 79.7 |
| 23 UNIT FORCED OUTAGE RATE | 0.0 | 0.9 | 2.0 |

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 Refueling, 9-21-96, 40 Days

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