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 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1991 for Kewaunee Nuclear Power Plant.W/920410 ltr.

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WISCONSIN PUBLIC SERVICE CORPORATION

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

April 10, 1992

10 CFR 50.36

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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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 March 1992 are enclosed in accordance with Technical Specification 6.9.1(c).

Sincerely,

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
MARCH, 1992

OPERATIONS: The unit was shut down on March 6, 1992, to commence the Cycle XVII - Cycle XVIII refueling outage.

MAINTENANCE: The Instrument and Control Group provided support for the refueling outage.

Mechanical maintenance activities included Reactor disassembly to perform fuel movement activities, replacement of two Containment Fan Coil Unit coils, inspection of the Diesel Generators, inspection of one Condensate Pump, cleaning of various heat exchangers, and inspection of various check valves.

Electrical maintenance work included replacement of one Reactor Coolant Pump motor, replacement of 4160V bus insulation from the Reserve Auxiliary Transformer, refurbishment and testing of various motor valves, and upgrade of the fuel handling manipulator crane control circuitry.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH MARCH, 1992

DAY AVERAGE DAILY
POWER LEVEL
(MWE-NET)

| | |
|----|-----|
| 1 | 515 |
| 2 | 519 |
| 3 | 519 |
| 4 | 519 |
| 5 | 515 |
| 6 | 364 |
| 7 | 0 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 0 |
| 12 | 0 |
| 13 | 0 |
| 14 | 0 |
| 15 | 0 |
| 16 | 0 |
| 17 | 0 |
| 18 | 0 |
| 19 | 0 |
| 20 | 0 |
| 21 | 0 |
| 22 | 0 |
| 23 | 0 |
| 24 | 0 |
| 25 | 0 |
| 26 | 0 |
| 27 | 0 |
| 28 | 0 |
| 29 | 0 |
| 30 | 0 |
| 31 | 0 |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: April 1, 1992
 COMPLETED BY: G. H. Ruiter
 TELEPHONE: 414-388-2560 x2225

REPORT MONTH - MARCH, 1992

| NO. | DATE | TYPE | DURATION | REASON | METHOD | LER NUMBER | SYS | COMPONENT | COMMENTS |
|-----|---------|------|----------|--------|--------|------------|-----|-----------|---|
| 1 | 3/06/92 | S | 600.5 | C | 1 | NA | ZZ | ZZZZZZ | 1. Commenced Cycle XVII-XVIII refueling outage. |

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 MARCH, 1992 * NOTES *
 *
 3 LICENSED THERMAL POWER (MWT) 1650 * The unit was shut down on March 6, 1992 *
 * to start the refueling outage. *
 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 | 2184 | 155978 |
| 12 NUMBER OF HOURS REACTOR WAS CRITICAL | 144.0 | 1584.0 | 133244.6 |
| 13 REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 2330.5 |
| 14 HOURS GENERATOR ON-LINE | 143.5 | 1583.5 | 131456.7 |
| 15 UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 10.0 |
| 16 GROSS THERMAL ENERGY GENERATED (MWH) | 225433 | 2591566 | 208069880 |
| 17 GROSS ELECTRICAL ENERGY GENERATED (MWH) | 74600 | 861900 | 68866700 |
| 18 NET ELECTRICAL ENERGY GENERATED (MWH) | 70871 | 820140 | 65557098 |
| 19 UNIT SERVICE FACTOR | 19.3 | 72.5 | 84.3 |
| 20 UNIT AVAILABILITY FACTOR | 19.3 | 72.5 | 84.3 |
| 21 UNIT CAPACITY FACTOR (USING MDC NET) | 18.6 | 73.5 | 81.9 |
| 22 UNIT CAPACITY FACTOR (USING DER NET) | 17.8 | 70.2 | 78.6 |
| 23 UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 2.3 |

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 - April 17, 1992