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 FACIL:50-305 Kewaunee Nuclear Power Plant, Wisconsin Public Servic 05000305  
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SUBJECT: Monthly operating rept for Apr 1997 for Kewaunee Nuclear Power Plant.W/970507 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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**WISCONSIN PUBLIC SERVICE CORPORATION**

NRC-97-44

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

May 7, 1997

10 CFR 50.36

U. S. Nuclear Regulatory Commission  
Attention: 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 April 1997 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

M. L. Marchi  
Manager-Nuclear Business Group

MLA

Enc.

130002

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



9705130059 970430  
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**KEWAUNEE NUCLEAR POWER PLANT - DOCKET 50-305  
SUMMARY OF OPERATING EXPERIENCE**

**April, 1997**

**The unit continues to be shut down for the refueling/maintenance outage.**

**The Instrument and Control Group continued its support of the 1996/1997 refueling outage with the following highlights:**

- **Assisted engineering with Service Water Flow Testing of the 'B' SI PUMP Lube Oil Heat Exchanger & stuffing boxes.**
- **Installed new pressure indicators to monitor discharge pressure of 'A' & 'B' SI PUMP for IST purposes.**
- **Replaced eight Johnson Control V24 solenoid valves because of Maintenance rule performance concerns.**

**Maintenance group continued to support the 1996/1997 Refueling Outage with the following highlights:**

**Mechanical**

**Mechanical work for April included repairing an air box leak on the 1B emergency diesel generator, chemically flushing the lube water lines and replacing valves on the lube water flow meter lines for the Service Water Pumps.**

**Electrical**

**Electrical work included repairs of the breakers for the 1B Auxiliary Feedwater Pump motor and bus tie breaker.**

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO- 50-305  
UNIT- KEWAUNEE  
COMPLETED BY- M. L. ANDERSON  
TELEPHONE- 414-388-8453

REPORT MONTH      APRIL, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0
2	0
3	0
4	0
5	0
6	0
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

DOCKET NO: 50-305  
 UNIT NAME: Kewaunee  
 DATE: May 7, 1997  
 COMP BY: Mary L. Anderson  
 TELEPHONE: 414-388-8453

**UNIT SHUTDOWNS AND POWER REDUCTIONS**  
**REPORT MONTH - APRIL 1997**

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
3	04-01-97	S	719	C	4	N/A	ZZ	ZZZZZZ	Cycle XXI-XXII Refueling Outage continued during the reporting period

**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 CODE**

From NUREG-0161

OPERATING DATA REPORT

DOCKET NO- 50-305  
 COMPLETED BY- M. L. ANDERSON  
 TELEPHONE- 414-388-8453

OPERATING STATUS

1 UNIT NAME	KEWAUNEE	*****	*****
2 REPORTING PERIOD	APRIL, 1997	*	*
3 LICENSED THERMAL POWER (MWT)	1650	* NOTES	*
4 NAMEPLATE RATING (GROSS MWE)	560	* Unit Shutdown for Refueling Outage	*
5 DESIGN ELECTRICAL RATING (NET MWE)	535	* Steam Generator repair in progress	*
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	719	2879	200521
12 NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	0.0	168772.4
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	0.0	0.0	166794.3
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	0	0	264405358
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	0	87650600
18 NET ELECTRICAL ENERGY GENERATED (MWH)	0	0	83418000
19 UNIT SERVICE FACTOR	0.0	0.0	83.2
20 UNIT AVAILABILITY FACTOR	0.0	0.0	83.2
21 UNIT CAPACITY FACTOR (USING MDC NET)	0.0	0.0	81.2
22 UNIT CAPACITY FACTOR (USING DER NET)	0.0	0.0	77.8
23 UNIT FORCED OUTAGE RATE	0.0	0.0	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 - 06-15-97