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SUBJECT: Monthly operating rept for May 1997 for KNPP.W/970606 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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WISCONSIN PUBLIC SERVICE CORPORATION

NRC-97-56

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

June 6, 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 May 1997 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

M. L. Marchi
Manager-Nuclear Business Group

MLA

Enc.

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

IE04/1

9706110068 970531
PDR ADOCK 05000305
R PDR



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

May, 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 on Safety Injection Pumps, Aux Feedwater Pumps, A & B Diesel Generators, and the Containment Fan Coil Units.**
- **Replaced eight solenoid valves because of Maintenance Rule A(1) classification.**
- **Repaired/recalibrated three Foxboro H-line boxes.**

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

Mechanical

Activities for the month of May included testing of various relief valves, replacing gaskets on the Diesel Generator hand hole covers, performing various check valve inspections and the testing and repair of hydraulic shock suppressors.

Electrical

Electrical work included several repairs on circuit breakers and switchgear along with recording the date code for all QA-1 12HGA relays in response to NRC IN 97-012.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH MAY, 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
31	0

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: June 5, 1997
 COMP BY: Mary L. Anderson
 TELEPHONE: 414-388-8453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - MAY 1997

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
3	05-01-97	S	744	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 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- 414-388-8453

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

1 UNIT NAME	KEWAUNEE	*****
2 REPORTING PERIOD	MAY, 1997	* NOTES
3 LICENSED THERMAL POWER (MWT)	1650	* Unit Shutdown for Refueling Outage
4 NAMEPLATE RATING (GROSS MWE)	560	* Steam Generator repair in progress
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	3623	201265
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	82.9
20 UNIT AVAILABILITY FACTOR	0.0	0.0	82.9
21 UNIT CAPACITY FACTOR (USING MDC NET)	0.0	0.0	80.9
22 UNIT CAPACITY FACTOR (USING DER NET)	0.0	0.0	77.5
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