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SUBJECT: Monthly operating rept for July 1997 for KNPP.W/970808 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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**WIBCONSIN PUBLIC SERVICE CORPORATION**

NRC-97-82

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

August 8, 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 July 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

*DEZY*



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

**July, 1997**

**The unit continues to operate at 96%, steady state operation.**

**The Instrument and Control group activities for the month were routine with the following highlights:**

- **Replaced Engineered Safeguards System push-button switch at power during performance of regularly scheduled surveillance.**
- **Supported Maintenance during rebuilding of 1B Control Room Air Conditioning.**
- **Repaired/recalibrated six Foxboro H-Line control boxes.**

**Maintenance group activities for the month:**

**Mechanical**

**Work activities for July were generally routine but included the following minor safety related activities: fuel oil leak on diesel generator B fuel oil filter, various valve packing leak repairs, refueling water storage tank inspection, and adjustments to the B control room air conditioning condenser cooling water.**

**Electrical**

**Electrical work included: installing a remote switch contact in the diesel generator A engine slow start circuitry for Appendix R compliance, meggering power cables to various motor operated valves, and repairing the penetration power cable for the B containment dome fan.**

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- 920-388-8453

REPORT MONTH                      JULY, 1997

DAY                                      AVERAGE DAILY  
    POWER LEVEL  
    (MWE-NET)

1	496
2	491
3	496
4	492
5	496
6	492
7	495
8	491
9	496
10	492
11	491
12	496
13	491
14	491
15	496
16	491
17	495
18	491
19	495
20	490
21	498
22	490
23	494
24	490
25	490
26	494
27	490
28	490
29	486
30	490
31	486

DOCKET NO: 50-305  
 UNIT NAME: Kewaunee  
 DATE: August 7, 1997  
 COMP BY: Mary L. Anderson  
 TELEPHONE: 920-388-8453

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

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

<b>TYPE</b>	<b>REASON</b>	<b>METHOD</b>	<b>SYSTEM &amp; COMPONENT CODES</b>
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- 920-388-8453

OPERATING STATUS

1 UNIT NAME KEWAUNEE \*\*\*\*\*  
 \*  
 2 REPORTING PERIOD JULY, 1997 \* NOTES \*  
 \*  
 3 LICENSED THERMAL POWER (MWT) 1650 \* Unit at 96%, 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	5087	202729
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	1233.7	170006.1
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	1193.1	167987.4
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1164539	1662065	266067423
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	385500	549400	88200000
18 NET ELECTRICAL ENERGY GENERATED (MWH)	366266	520062	83938062
19 UNIT SERVICE FACTOR	100.0	23.5	82.9
20 UNIT AVAILABILITY FACTOR	100.0	23.5	82.9
21 UNIT CAPACITY FACTOR (USING MDC NET)	96.3	20.0	80.8
22 UNIT CAPACITY FACTOR (USING DER NET)	92.0	19.1	77.4
23 UNIT FORCED OUTAGE RATE	0.0	0.0	1.9

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 - N/A