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SUBJECT: Monthly operating rept for May 1993 for KNPP.W/930610 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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WISCONSIN PUBLIC SERVICE CORPORATION

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

June 10, 1993

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 1993 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

C. A. Schrock
Manager-Nuclear Engineering

BAP/jms

Enc.

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

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9306150381 930531
PDR ADOCK 05000305
R PDR

DOCKET 50-305

**KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE**

May, 1993

Normal power operations continued during this reporting period. A planned outage is scheduled to begin on June 4, 1993 to repair a primary-to-secondary leak in B steam generator. The duration of the scheduled outage is unknown at this time.

Maintenance activities for the month of May included replacement of WG-11A in the Gaseous Waste Processing System, cleaning of the B2 Service Water Pump Bearing Water supply lines, rebuild of the spare Charging Pump discharge relief valves, and work package development for Motor Operated Valve testing.

Instrument and Control Group activities were routine in nature and included:

- **Return to service of primary system hot leg Resistance Temperature Devices (RTDs) red channel (RE 401A) and blue channel (RE 403A).**
- **Load resistance measurements of primary system hot and cold leg RTDs in both the wide and narrow ranges.**
- **Rebuild of the Waste Gas Compressor regulator and recalibration of system components.**
- **Recalibration of out of tolerance bistables on Boric Acid Tank Lo/Lo Level, High Level Reactor Trip, and Over Temperature Delta Temperature.**
- **Rebuild of 1A Charging Pump mechanical speed controller.**

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- 414-388-2560 X2453

REPORT MONTH MAY, 1993

DAY AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

1	528
2	520
3	528
4	524
5	524
6	524
7	524
8	524
9	524
10	524
11	528
12	524
13	524
14	524
15	524
16	524
17	524
18	528
19	524
20	523
21	527
22	527
23	527
24	527
25	527
26	527
27	523
28	531
29	523
30	527
31	527

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: June 9, 1993
 COMP BY: Mary L. Anderson
 TELEPHONE: 414-388-2560 x2453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - MAY 1993

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

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, 1993	* NOTES	*
3 LICENSED THERMAL POWER (MWT)	1650	* Normal operation continued during this	*
4 NAMEPLATE RATING (GROSS MWE)	560	* period.	*
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	166201
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2640.2	142026.8
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	2587.4	140144.6
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1227217	3987312	221910050
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	410500	1328600	73474600
18 NET ELECTRICAL ENERGY GENERATED (MWH)	390753	1262719	69937759
19 UNIT SERVICE FACTOR	100.0	71.4	84.3
20 UNIT AVAILABILITY FACTOR	100.0	71.4	84.3
21 UNIT CAPACITY FACTOR (USING MDC NET)	102.8	68.2	82.1
22 UNIT CAPACITY FACTOR (USING DER NET)	98.2	65.1	78.7
23 UNIT FORCED OUTAGE RATE	0.0	1.6	2.3

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 A scheduled outage will begin June 4, 1993

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - NA