



NRC-00-012

Wisconsin Public Service Corporation
(a subsidiary of WPS Resources Corporation)
Kewaunee Nuclear Power Plant
North 490, Highway 42
Kewaunee, WI 54216-9511
920-388-2560

February 10, 2000

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 January 2000 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,


Mark L. Marchi
Vice President-Nuclear

MLA

Enc.

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

JE24

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

January, 2000

The unit continues to operate at 97% NI power, steady state operation.

Instrument and Control Group Activities for the Month:

Assisted Operations in trying to locate the piping blockage to the service water pump lube water supply for one of the service water pumps.

Supported motor operated valve testing on service water system.

Supported engineering flow testing for the spent fuel pool heat exchanger.

Maintenance Group Activities for the Month:

Electrical Maintenance

Completed monthly and quarterly safeguards battery surveillance.

Supported I&C on their monthly SP 316 reactor protection surveillance.

Tested Bus 1 and 2 UV and UF and Bus 5 and 6 UV relays.

Performed maintenance on component cooling valve CC-653 (MOV testing).

Performed maintenance on A2 service water pump motor.

Performed testing on motor valve SI-5A.

Performed maintenance on SI pump motor.

Installing design change for auxiliary building humidity sensing.

Mechanical Maintenance

Completed performance monitoring on numerous components including residual heat removal pumps, containment fan coils, diesel generators Zone SV exhaust fans and various safety related fan coil units. All were found to be operating acceptably.

Repaired auxiliary building heating coil.

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 JANUARY, 2000

DAY AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

1	513
2	508
3	508
4	508
5	508
6	508
7	508
8	508
9	508
10	513
11	508
12	508
13	508
14	508
15	508
16	508
17	512
18	508
19	504
20	512
21	508
22	508
23	508
24	508
25	508
26	508
27	508
28	508
29	508
30	508
31	512

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: February 8, 2000
COMP BY: Mary L. Anderson
TELEPHONE: 920-388-8453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - JANUARY 2000

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

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- 920-388-8453

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

1 UNIT NAME	KEWAUNEE	*****
2 REPORTING PERIOD	JANUARY, 2000	* * * * *
3 LICENSED THERMAL POWER (MWT)	1650	* NOTES * * * * *
4 NAMEPLATE RATING (GROSS MWE)	560	* 97% Rx Power, Steady State Operation * * * * *
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	744	224666
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	190825.8
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	744.0	188750.4
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1190621	1190621	298854515
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	397200	397200	99085200
18 NET ELECTRICAL ENERGY GENERATED (MWH)	378579	378579	94290425
19 UNIT SERVICE FACTOR	100.0	100.0	84.0
20 UNIT AVAILABILITY FACTOR	100.0	100.0	84.0
21 UNIT CAPACITY FACTOR (USING MDC NET)	99.6	99.6	81.9
22 UNIT CAPACITY FACTOR (USING DER NET)	95.1	95.1	78.4
23 UNIT FORCED OUTAGE RATE	0.0	0.0	1.7

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS - Yes

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A