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RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1999 for Kewaunee Nuclear Power Plant.With 990209 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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(a subsidiary of WPS Resources Corporation)
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P.O. Box 19002
Green Bay, WI 54307-9002
1-920-433-5544 fax

February 9, 1999

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 1999 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mark L. Marchi".

Mark L. Marchi
Vice President-Nuclear

MLA

Enc.

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

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Tez

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PDR ADDCK 05000305
R PDR

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

January, 1999

On January 31 at 0001, with the unit at 95% Rx power, (502 Mwe), a load decrease was initiated to perform SP54-086, Turbine Stop Valve Test. Load decrease was stopped at 0208, 69.1% Rx power, (381.5 Mwe). Following a successful test, load increase was initiated at 0245 from 68.6% Rx power, (379 Mwe). Full power was reached at 0659.

The unit continues to operate at 95% power, steady state operation.

Instrument and Control Group Activities for the Month:

- Assisted plant engineering with testing of trains A & B Control Room Air Conditioning.
- Repaired/re-calibrated A Train Containment Hydrogen Monitor.
- Repaired/calibrated six Foxboro H-Line control boxes.

Maintenance Group Activities for the Month:

Electrical Maintenance

- Completed monthly safeguards battery surveillance.
- Tested bus 1 and 2 undervoltage/underfrequency relays.
- Completed motor and circuit breaker preventive maintenance of Component Cooling pump B.
- Completed "hot smart short" rewiring for Motor operators on valves AFW-10A and CC-6A.
- Investigated and dispositioned some foreign material found in reactor trip bypass breaker train B cubicle.

Mechanical Maintenance

- Completed preventive maintenance and performance monitoring on various fancoils.
- Completed vibration monitoring on SI pumps and Containment fan coils.
- Supported Diesel monthly testing including oil samples.
- Completed monthly Preventive maintenance on charging pumps.
- Attempted to tighten packing on SW-903D with Electricians. Additional work will be scheduled because tightening the packing was not successful.
- Worked with Holtec to complete a survey of the fuel transfer canal for the canal rack project.
- Tightened end bells of SI pump A oil cooler to address a slight SW leak.
- Tighten packing on DG B duplex fuel oil filters to address a slight leak.

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, 1999

DAY AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

1	500
2	500
3	500
4	500
5	499
6	500
7	500
8	500
9	500
10	500
11	500
12	500
13	500
14	504
15	500
16	500
17	500
18	504
19	500
20	500
21	504
22	500
23	500
24	504
25	499
26	500
27	504
28	499
29	500
30	495
31	480

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: February 5, 1999
 COMP BY: Mary L. Anderson
 TELEPHONE: 920-388-8453

**UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH - JANUARY 1999**

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

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & COMPONENT CODES</u>
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

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, 1999	*	*
3 LICENSED THERMAL POWER (MWT)	1650	* NOTES	*
4 NAMEPLATE RATING (GROSS MWE)	560	* 95% 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	215906
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	182065.8
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	744.0	179990.4
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1166738	1166738	284849468
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	390500	390500	94426900
18 NET ELECTRICAL ENERGY GENERATED (MWH)	371791	371791	89858974
19 UNIT SERVICE FACTOR	100.0	100.0	83.4
20 UNIT AVAILABILITY FACTOR	100.0	100.0	83.4
21 UNIT CAPACITY FACTOR (USING MDC NET)	97.8	97.8	81.2
22 UNIT CAPACITY FACTOR (USING DER NET)	93.4	93.4	77.8
23 UNIT FORCED OUTAGE RATE	0.0	0.0	1.8

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)

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