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 FACIL:50-305 Kewaunee Nuclear Power Plant, Wisconsin Public Service 05000305
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 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1988 for Kewaunee Nuclear Plant.W/881010 ltr.

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KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
September, 1988

OPERATIONS: Following plant startup on September 1, 1988, normal power operation continued throughout the reporting period.

MAINTENANCE: Maintenance activities for the month of September were routine with the following highlights:

Replaced the starter on a Charging Pump.

Recalibrated a Boric Acid Tank level indicator.

Rebuilt a Containment Hydrogen Monitor.

Replaced the D2 static trip device on several 480 volt breakers with a TS(2T) model static trip device.

Performed several walkdowns for IE Bulletin 79-14.

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PDR ADOCK 05000305
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO- 5D-3D5
UNIT- KEWAUNEE
COMPLETED BY- G. H. RUITER
TELEPHONE- 414-388-256D X225

REPORT MONTH SEPTEMBER, 1988

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	33
2	171
3	180
4	408
5	524
6	516
7	520
8	520
9	524
10	524
11	524
12	524
13	524
14	528
15	528
16	528
17	528
18	528
19	532
20	528
21	528
22	532
23	528
24	528
25	528
26	532
27	528
28	529
29	532
30	528

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH - SEPTEMBER, 1988

DOCKET NO: 50-305

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
9	9/01/88	F	18.2	H	4	N/A	CC	HTEXCH	9. Continued the unit shutdown that was taken on August 30, 1988, to clean up steam generator water chemistry following contamination of the Condensate System with sulfuric acid during a Make-up Water System demineralizer regeneration.

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

OPERATING DATA REPORT

DOCKET NO- 50-305
 COMPLETED BY- G. H. RUITER
 TELEPHONE- 414-388-2560 X225

OPERATING STATUS

1 UNIT NAME KEWAUNEE *****
 *
 2 REPORTING PERIOD SEPTEMBER, 1988 * NOTES *
 *
 3 LICENSED THERMAL POWER (MWT) 1650 * Following plant startup on September 1, *
 * 1988, normal power operation continued *
 4 NAMEPLATE RATING (GROSS MWE) 560 * through the reporting period. *
 *
 5 DESIGN ELECTRICAL RATING (NET MWE) 535 *
 *
 6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 529 *
 *
 7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 503 *****
 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	720	6576	125305
12 NUMBER OF HOURS REACTOR WAS CRITICAL	711.5	5546.6	107008.9
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR DN-LINE	701.8	5472.9	105354.6
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1088933	8618544	166047517
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	365600	2892900	54880000
18 NET ELECTRICAL ENERGY GENERATED (MWH)	347738	2755933	52260443
19 UNIT SERVICE FACTOR	97.5	83.2	84.1
20 UNIT AVAILABILITY FACTOR	97.5	83.2	84.1
21 UNIT CAPACITY FACTOR (USING MDC NET)	96.0	83.3	81.0
22 UNIT CAPACITY FACTOR (USING OER NET)	90.3	78.3	78.0
23 UNIT FORCED OUTAGE RATE	2.5	2.3	2.8
24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH) None			
25 IF SHUT DDWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A			



WISCONSIN PUBLIC SERVICE CORPORATION

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October 10, 1988

10 CFR 50.36

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

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 September 1988 are enclosed in accordance with Technical Specification 6.9.1(c).

Very truly yours,

Mark Z. Marchi
C. R. Steinhardt *fw*
Manager - Nuclear Power

WRC/jms

Enc.

cc - US NRC - Region III
Mr. Robert Nelson, NRC Sr Resident Inspector
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