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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1995 for Kewaunee Nuclear Power Plant. W/951010 ltr.

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WISCONSIN PUBLIC SERVICE CORPORATION

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October 10, 1995

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 September 1995 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

M. L. Marchi
Manager-Nuclear Business Group

jmf

Enc.

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

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R PDR

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

September, 1995

A reactor trip occurred on 09-05-95 at 0838. The cause of the trip is suspected to have been a misaligned contact on a trip relay which completed the two out of four trip logic when the Pressurizer Low Pressure trip relay was tripped in as part of the SP test sequence. This is a suspected condition since inspections, testing, and computer and SER printout reviews did not confirm that a trip signal was initiated. The unit returned to full power on 09-06-95 at 1605 (96.1%, 527 MWE) and has continued to operate at full power through the remainder of the reporting period.

The Instrument and Control group's activities for the month of September included the following:

- Supported the return of the plant to operation following the plant trip by the recalibration of Nuclear Instrument Channel N-36 rod stop and level trip setpoints
- Replacement of EQ coil on Main Feedwater valve 1B

When the plant was returned to operation, routine activities included:

- Replacement at power of three Pressurizer pressure low pressure trip relays in the train B Reactor Protection System using procedures from I & C Engineering
- Recalibration of A train hydro-pack pressure control switch
- Repair/recalibration of two Foxboro H line control boxes

Maintenance Work Request Summary for September

For both the Mechanical and Electrical areas routine repairs and Preventative Maintenance procedures were performed in the month of September. No significant failures or repairs were identified.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO- 50-305
UNIT- KEWAUNEE
COMPLETED BY- M. L. ANDERSON
TELEPHONE- 414-388-2560 X2453

REPORT MONTH SEPTEMBER, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	498
2	503
3	503
4	507
5	177
6	313
7	502
8	502
9	498
10	503
11	499
12	498
13	498
14	498
15	503
16	503
17	503
18	503
19	503
20	507
21	503
22	503
23	507
24	503
25	507
26	503
27	507
28	503
29	507
30	507

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: October 6, 1995
COMP BY: Mary L. Anderson
TELEPHONE: 414-388-2560 x2453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - SEPTEMBER

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
7	09-05-95	F	18.25	A	3	95-006	IA	RELAYX	A Rx trip occurred 09-08-95 at 0836. The cause of the trip is suspected to have been a misaligned contact on a trip relay which completed the two out of four trip logic when the Pressurizer Low Pressure trip relay was tripped in as part of the SP test sequence.

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

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1 UNIT NAME      KEWAUNEE      *****
*
2 REPORTING PERIOD  SEPTEMBER, 1995      * NOTES
*
3 LICENSED THERMAL POWER (MWT)      1650      * UNIT AT 96% STEADY STATE POWER
*
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
    
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	THIS MONTH	YR-TO-DATE	CUMULATIVE
11 HOURS IN REPORTING PERIOD	720	6551	186649
12 NUMBER OF HOURS REACTOR WAS CRITICAL	703.3	5481.5	160256.5
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	701.7	5436.8	158283.6
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1107004	8419145	250836487
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	368200	2797200	83124200
18 NET ELECTRICAL ENERGY GENERATED (MWH)	349617	2656078	79109578
19 UNIT SERVICE FACTOR	97.5	83.0	84.8
20 UNIT AVAILABILITY FACTOR	97.5	83.0	84.8
21 UNIT CAPACITY FACTOR (USING MDC NET)	95.0	79.3	82.7
22 UNIT CAPACITY FACTOR (USING DER NET)	90.8	75.8	79.2
23 UNIT FORCED OUTAGE RATE	2.5	0.3	2.0
24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)	N/A		
25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A	N/A		