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SUBJECT: Monthly operating rept for Sept 1998 for Kewaunee Nuclear Power Plant. With 981012 ltr.

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1-920-433-5544 fax

October 12, 1998

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 September 1998 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

Mark L. Marchi
Site Vice President-Kewaunee Plant

MLA

Enc.

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

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PDR ADOCK 05000305
R PDR

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

September, 1998

The unit continues to operate at 96%, steady state operation.

Instrument and Control group activities for the month:

- Worked with I&C Engineering to evaluate operation of Main Feedwater Control Valve during plant operation.
- Cleaned reset contacts on three Engineered Safeguards relays during performance of monthly surveillance testing.
- Repaired/recalibrated four Foxboro H-Line control boxes.

Maintenance group activities for the month:

Mechanical QA 1 Work

- Completed relief valve IST on the A charging pump relief valve; setpoint and leakage were found to be satisfactory.
- After a flushing operation, the stroke for valves SW 901C-1 and SW901B-1 were measured and verified acceptable.
- Repacked Charging Pump C for excessive seal leakage.
- Replaced Control Room Air Conditioner A's compressor due to a piston failure.
- Completed routine vibration monitoring on pumps, fans and motors scheduled for the month.
- Lubricated various safety related items per preventive maintenance schedule.
- Completed scheduled performance monitoring on several safety related fan coil units.
- Completed routine activities associated with the monthly DG runs including oil sampling.

Electrical QA 1 work

- Completed work activities on Service Water Pump 1A2 and 1B2 circuit breaker.
- Continued to investigate the Reactor Trip Bypass Breakers electronic closing problem. These breakers continue to be manually closed per procedure to reconcile this issue.
- Completed preventative maintenance activities on 1A2 and 1B2 Service Water pump motors.
- Completed surveillance under-voltage and under-frequency relay testing for the safeguards buses.
- Completed safeguards battery preventative maintenance and testing.

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 SEPTEMBER, 1998

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	490
2	494
3	494
4	494
5	495
6	499
7	490
8	495
9	494
10	490
11	490
12	494
13	494
14	494
15	495
16	495
17	495
18	490
19	495
20	495
21	499
22	495
23	495
24	494
25	499
26	499
27	499
28	503
29	503
30	499

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: October 12, 1998
COMP BY: Mary L. Anderson
TELEPHONE: 920-388-8453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - SEPTEMBER, 1998

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

TYPE	REASON	METHOD	SYSTEM & COMPONENT CODES
F: FORCED	A-Equipment Failure (explain)	1-Manual	From NUREG-0161
S: SCHEDULED	B-Maintenance or Test	2-Manual Scram	
	C-Refueling	3-Automatic Scram	
	D-Regulatory Restriction	4-Continuations	
	E-Operator Training & License Examination	5-Load Reductions	
	F-Administrative	9-Other	
	G-Operational Error (explain)		
	H-Other (explain)		

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	SEPTEMBER, 1998	* NOTES	
3 LICENSED THERMAL POWER (MWT)	1650	* Unit at 96%, steady state operation	
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

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11 HOURS IN REPORTING PERIOD	720	6551	212953
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6399.4	180078.5
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	6368.7	178029.1
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1142017	10048483	281961942
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	375500	3325200	93463400
18 NET ELECTRICAL ENERGY GENERATED (MWH)	356519	3162205	88944008
19 UNIT SERVICE FACTOR	100.0	97.2	83.6
20 UNIT AVAILABILITY FACTOR	100.0	97.2	83.6
21 UNIT CAPACITY FACTOR (USING MDC NET)	96.9	94.5	81.5
22 UNIT CAPACITY FACTOR (USING DER NET)	92.6	90.2	78.1
23 UNIT FORCED OUTAGE RATE	0.0	0.3	1.8

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 Refueling/Maintenance, 10-16-98, 41 Days

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