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SUBJECT: Monthly operating rept for June 1998 for Kewaunee Nuclear Power Plant.W/980709 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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July 9, 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 June 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**

June, 1998

On June 20, 1998, at 0005, with the unit at 97% Rx power, 524 MWe, a load decrease was initiated to perform SP54-086, Turbine Stop Valve Test, and clean Condenser Water boxes. At 0438, the load decrease was stopped at 44% Rx power, 220 Mwe, and A1 and B2 Water boxes were taken out of service. Following cleaning, the Water boxes were returned to service at 1930, and a load increase was initiated at 40 MWe/Hour. The unit returned to full power (97%) at 0312 on 6-21-98.

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

Instrument and Control Group Activities for the Month:

- Assisted I&C Engineering with testing of Service Water Loop Isolation Valves. Replaced Reactor Protection Relay on line during performance of monthly surveillance. Repaired/calibrated two Foxboro H-Line boxes.

Maintenance Group Activities for the Month:

Mechanical Maintenance

- Installed a new mechanical seal on Residual Heat Removal Pump 1B to address minor seal leakage.
- Corrected minor leakage on ICS system during ISI pump and valve test.
- Added oil to both A and B Diesel Generators.
- Replaced bladder on Charging pump B suction stabilized in response to noise when operating.
- Changed oil on the outboard bearing on A Component cooling pump, evaluated cause of short term temperature increase on this bearing.
- Completed monthly lubrication on SW strainers.
- Completed vibration monitoring of various components including Containment Fan Coil and Dome vent fan units, RHR pumps, ICS pumps, and Rx Coolant Pumps.

Electrical Maintenance

- Continued to investigate Rx Trip breaker electrical closing issue.
- Investigated apparent Diesel Generator sequencer timing failure. Timing was verified satisfactory.
- Completed Preventive maintenance on RHR pump B motor breaker.
- Completed Safeguards battery Preventive maintenance and testing.
- Completed inspection and testing of Containment Fan Coil C and D breakers.

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 JUNE, 1998

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	503
2	499
3	500
4	503
5	499
6	503
7	503
8	503
9	499
10	503
11	499
12	503
13	499
14	499
15	499
16	498
17	495
18	495
19	494
20	242
21	490
22	503
23	502
24	503
25	499
26	503
27	503
28	499
29	503
30	503

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: July 8, 1998
 COMP BY: Mary L. Anderson
 TELEPHONE: 920-388-8453

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH - JUNE, 1998

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

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- M. L. ANDERSON
 TELEPHONE- 920-388-8453

OPERATING STATUS

1 UNIT NAME	KEWAUNEE	*****	
2 REPORTING PERIOD	JUNE, 1998	* NOTES	*
3 LICENSED THERMAL POWER (MWT)	1650	* Unit at 97%, 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	4343	210745
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4191.4	177870.5
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	4160.7	175821.1
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1125155	6544953	278458412
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	372600	2173800	92312000
18 NET ELECTRICAL ENERGY GENERATED (MWH)	353824	2069157	87850960
19 UNIT SERVICE FACTOR	100.0	95.8	83.4
20 UNIT AVAILABILITY FACTOR	100.0	95.8	83.4
21 UNIT CAPACITY FACTOR (USING MDC NET)	96.2	93.2	81.4
22 UNIT CAPACITY FACTOR (USING DER NET)	91.9	89.1	77.9
23 UNIT FORCED OUTAGE RATE	0.0	0.5	1.9

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