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SUBJECT: Monthly operating rept for June 1994 for Kewaunee Nuclear
Power Plant.W/940708 ltr.

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July 8, 1994

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 June 1994 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

C. A. Schrock
Manager-Nuclear Engineering

BJD/jmf

Enc.

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

LIC\NRC\MOR

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**KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE**

June, 1994

100% steady state power operation continued during the reporting period.

Mechanical and Electrical activities for the month included replacement of two Charging Pump discharge relief valves, replacement of cylinder packing in the A Charging Pump, and cleaning of lubricating water supply piping for the Service Water Pump bearings.

The Instrument and Control Groups activities for the month were routine with the following highlights:

- **Returned the Overpower and Over Temperature setpoints to the normal operating level after the startup reduction to 85%.**
- **Supported Maintenance in the resolution of the Turbine Driven Auxiliary Feedwater Pump low oil pressure problem.**
- **Assisted Operations and Plant Engineering with Turbine Building Fan Coil 1B performance testing.**
- **Replaced Diesel Generator 1A oil cooler water outlet solenoid valve.**

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH JUNE, 1994

DAY AVERAGE DAILY
POWER LEVEL
(MWE-NET)

1	526
2	524
3	523
4	527
5	523
6	523
7	527
8	523
9	527
10	523
11	523
12	527
13	523
14	523
15	527
16	523
17	527
18	523
19	527
20	523
21	523
22	523
23	527
24	523
25	519
26	523
27	518
28	519
29	527
30	519

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: July 7, 1994
COMP BY: Mary L. Anderson
TELEPHONE: 414-388-2560 x2453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - JUNE 1994

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
									No shutdowns or outages occurred during this reporting period.

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- 414-388-2560 X2453

OPERATING STATUS

1 UNIT NAME KEWAUNEE *****
 *
 2 REPORTING PERIOD JUNE, 1994 * NOTES *
 *
 3 LICENSED THERMAL POWER (MWT) 1650 * Unit at 100%, 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

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11 HOURS IN REPORTING PERIOD	720	4343	175681
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	3363.8	150358.0
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	3322.2	148429.7
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1187510	5197103	235137249
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	396600	1738300	77899400
18 NET ELECTRICAL ENERGY GENERATED (MWH)	376981	1652348	74144301
19 UNIT SERVICE FACTOR	100.0	76.5	84.5
20 UNIT AVAILABILITY FACTOR	100.0	76.5	84.5
21 UNIT CAPACITY FACTOR (USING MDC NET)	102.5	74.5	82.3
22 UNIT CAPACITY FACTOR (USING DER NET)	97.9	71.1	78.9
23 UNIT FORCED OUTAGE RATE	0.0	0.0	2.2

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 None

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - NA