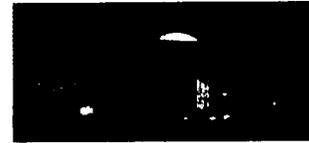




Kewaunee Nuclear Power Plant
N490, State Highway 42
Kewaunee, WI 54216-9511
920-388-2560
*Operated by Nuclear
Management Company, LLC*



September 8, 2000

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 August 2000 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kyle A. Hoops'. The signature is written in a cursive, somewhat stylized script.

Kyle A. Hoops
Manager-Kewaunee Plant

MLA

Enc.

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

Handwritten initials 'IEH' in black ink, located in the bottom right corner of the page.

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

August, 2000

On August 19, 2000, a special test procedure (STP) was performed to open the 15 feedwater heater bypass valves. FW-5A and FW-5B are now fully open. The performance of the STP was smooth, and the plant response was as expected. As a result of the STP, gross generation increased 8 MWe.

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

Instrument and Control Group Activities for the Month:

- Supported DCR 3163 to install new SOV's on SW-1306A/B.
- Developed and performed a calibration procedure for EDG metering transducers.
- Performed a logic test associated with shroud cooling valves in containment.
- Recalibrated bistable for containment spray actuation.
- Retubed the transmitter for CCW surge tank level to eliminate level indication problems.
- Replaced several EQ SOV's due to end of life.

Maintenance Group Activities for the Month:

Electrical Maintenance

Performed PM's on the following equipment:

- SP's on A&B safeguards batteries
- A&B EDG sequencer test
- 1B SFP motor and breaker
- Buses 1, 2, 5 & 6
- Breaker 15109 (CCW pump A)
- 1A CCW pump motor
- C charging pump drive
- Pressurizer heaters

- Work Order to repair auxiliary building basement FCU C motor
- Work Order on limit switch for RC 423
- Work Order on containment dome vent fan
- DCR 3163 on SW 1306 A&B

Mechanical Maintenance

Mechanical maintenance did not perform any major safety-related maintenance in the month of August.

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 AUGUST, 2000

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	485
2	486
3	481
4	486
5	482
6	482
7	490
8	486
9	486
10	486
11	482
12	482
13	486
14	490
15	486
16	482
17	486
18	482
19	490
20	494
21	490
22	490
23	490
24	490
25	494
26	494
27	490
28	486
29	490
30	490
31	486

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: September 7, 2000
COMP BY: Mary L. Anderson
TELEPHONE: 920-388-8453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - AUGUST 2000

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

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- 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	AUGUST, 2000	* NOTES
3 LICENSED THERMAL POWER (MWT)	1650	* 96% Rx Power, 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	744	5855	229777
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4874.4	194956.2
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	4832.4	192838.8
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MMWH)	1163425	7442588	305106482
17 GROSS ELECTRICAL ENERGY GENERATED (MMWH)	382200	2470400	101158400
18 NET ELECTRICAL ENERGY GENERATED (MMWH)	362312	2347040	96258886
19 UNIT SERVICE FACTOR	100.0	82.5	83.9
20 UNIT AVAILABILITY FACTOR	100.0	82.5	83.9
21 UNIT CAPACITY FACTOR (USING MDC NET)	95.3	78.4	81.8
22 UNIT CAPACITY FACTOR (USING DER NET)	91.0	74.9	78.3
23 UNIT FORCED OUTAGE RATE	0.0	0.6	1.7

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