



Kewaunee Nuclear Power Plant
N490, State Highway 42
Kewaunee, WI 54216-9511
920-388-2560



Operated by
Nuclear Management Company, LLC

October 8, 2001

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 2001 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

Kyle A. Hoops
Manager-Kewaunee Plant

MLA

Enclosure

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

IE24

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

September 2001

On Sunday, September 23, 2001, at 23:52, G-1 was opened initiating the 2001 Refueling/Maintenance/SGR Outage. Estimated startup is early December.

Maintenance Group Activities for the Month

Instrument and Control Group Activities for the Month

I&C completed the following work orders for September:

- Performed flow testing on various service water lines to gather data.
- Vented Reactor Seal Water Flow Transmitters
- Worked on both MET towers to repair lightning damage
- Repaired numerous portable radiation detection instruments

Electrical Maintenance

Performed preventative maintenance on the following equipment:

- Buses 5 & 6 Under Voltage Tests
- Bus 1 Under Voltage/Under Frequency Tests
- Battery Test on A/B/C/D Batteries
- Auxiliary Building Basement FCU 1A Motor Starter

Work Orders:

- ICS-2B and ICS-6B Diagnostic Testing
- BT-2B Rebuild
- Electrically disconnected C&D Containment Fan Coil Unit's for removal from Containment

Mechanical Maintenance

- Completed performance monitoring on several safety related fan coil units.
- Completed monthly preventive maintenance on diesel generators and charging pumps.

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 SEPTMBER, 2001

DAY AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

1	494
2	494
3	498
4	494
5	494
6	494
7	498
8	498
9	498
10	498
11	498
12	498
13	498
14	499
15	499
16	503
17	490
18	494
19	495
20	494
21	490
22	494
23	376
24	0
25	0
26	0
27	0
28	0
29	0
30	0

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: October 5, 2001
COMP BY: Mary L. Anderson
TELEPHONE: 920-388-8453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - SEPTEMBER 2001

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
4	09/23/01	S	168.13	C	1	N/A	ZZ	ZZZZZZ	Commenced Cycle XXIV-XXV Refueling Outage

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	SEPTEMBER, 2001	*	*
3 LICENSED THERMAL POWER (MWT)	1650	* NOTES	*
4 NAMEPLATE RATING (GROSS MWE)	560	* Unit was shut down on 09/23/01	*
5 DESIGN ELECTRICAL RATING (NET MWE)	535	* for Refueling/SGR Outage	*
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	239257
12 NUMBER OF HOURS REACTOR WAS CRITICAL	552.2	6356.9	204242.1
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	551.9	6347.0	202114.7
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	865416	10023996	319713994
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	285600	3322100	106009600
18 NET ELECTRICAL ENERGY GENERATED (MWH)	271027	3158436	100870216
19 UNIT SERVICE FACTOR	76.6	96.9	84.5
20 UNIT AVAILABILITY FACTOR	76.6	96.9	84.5
21 UNIT CAPACITY FACTOR (USING MDC NET)	73.7	94.4	82.3
22 UNIT CAPACITY FACTOR (USING DER NET)	70.4	90.1	78.8
23 UNIT FORCED OUTAGE RATE	0.0	0.6	1.7

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS
 Refueling/Steam Generator Replacement

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - December, 2001