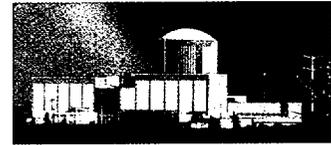




Kewaunee Nuclear Power Plant  
N490, State Highway 42  
Kewaunee, WI 54216-9511  
920-388-2560



Operated by  
Nuclear Management Company, LLC

January 9, 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 December 2000 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

Kyle A. Hoops  
Manager-Kewaunee Plant

MLA

Enc.

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**

**December, 2000**

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

**Instrument and Control Group Activities for the Month**

- Repaired leaks on the tube and fittings for lube water gauges on service water pumps A2 and B1.
- Repaired leaking annubar fitting on flow line to FCU 1C.
- Repaired leak at Swagelok plug for waste gas compressor 1B.
- Supported MOV dynamic testing of SW903C.

**Maintenance Group Activities for the Month**

**Electrical Maintenance**

Performed PM's on the following equipment:

- Buses 1 & 2 UV/UF Tests
- Reactor Trip Breakers
- 1A2 Service Water Strainer Breaker
- B CCP Motor
- B EDG Sequencer

Work Order for Auxiliary Building Supply Fan A

**Mechanical Maintenance**

Completed performance monitoring on numerous components including containment fan coils, and various safety related fan coil units. All were found to be operating acceptably. Completed monthly preventive maintenance on charging pumps and component cooling pumps.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO- 50-305  
UNIT- KEWAUNEE  
COMPLETED BY- M. L. ANDERSON  
TELEPHONE- 920-388-8453

REPORT MONTH DECEMBER, 2000

DAY AVERAGE DAILY  
POWER LEVEL  
(MWE-NET)

1	503
2	504
3	500
4	504
5	504
6	504
7	504
8	504
9	504
10	508
11	505
12	504
13	504
14	500
15	508
16	504
17	504
18	504
19	504
20	504
21	504
22	504
23	504
24	504
25	504
26	505
27	504
28	504
29	504
30	505
31	504

DOCKET NO: 50-305  
 UNIT NAME: Kewaunee  
 DATE: January 9, 2001  
 COMP BY: Mary L. Anderson  
 TELEPHONE: 920-388-8453

**UNIT SHUTDOWNS AND POWER REDUCTIONS**  
**REPORT MONTH - DECEMBER 2000**

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

**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

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1 UNIT NAME      KEWAUNEE      *****
*
2 REPORTING PERIOD  DECEMBER, 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	8784	232706
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7803.4	197885.2
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	7761.4	195767.8
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1176511	12026104	309689998
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	393700	3999500	102687500
18 NET ELECTRICAL ENERGY GENERATED (MWH)	375105	3799934	97711780
19 UNIT SERVICE FACTOR	100.0	88.4	84.1
20 UNIT AVAILABILITY FACTOR	100.0	88.4	84.1
21 UNIT CAPACITY FACTOR (USING MDC NET)	98.7	84.7	82.0
22 UNIT CAPACITY FACTOR (USING DER NET)	94.2	80.9	78.5
23 UNIT FORCED OUTAGE RATE	0.0	0.3	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