

# CATEGORY 1

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SUBJECT: Monthly operating rept for June 1996 for Kewaunee Nuclear Power Plant. W/960710 ltr.

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**WISCONSIN PUBLIC SERVICE CORPORATION**

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NRC-96-67

July 10, 1996

10 CFR 50.36

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
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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 1996 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

A handwritten signature in cursive script, appearing to read "M. L. Marchi".

M. L. Marchi  
Manager-Nuclear Business Group

MLA

Enc.

cc - US NRC - Region III  
NRC Senior Resident Inspector  
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**KEWAUNEE NUCLEAR POWER PLANT - DOCKET 50-305  
SUMMARY OF OPERATING EXPERIENCE**

**June, 1996**

**The unit continues to operate at 98% steady state power operation.**

**The Instrument and Control group's activities for the month were routine with the following highlights:**

- **Replaced two EQ-H1 solenoid coils at power.**
- **Tested inrush current of sample Reactor Protection relays for I & C Engineering.**
- **Replaced analyzer cell on Containment Hydrogen Monitor.**
- **Replaced Radiation Monitoring Auxiliary Building Vent Channel check source assembly.**

**Maintenance group activities for the month were routine with the following highlights:**

**Mechanical**

**Work included repairing packing leaks on Internal Containment Spray valves ICS-5B and ICS-6B. Also replaced carbon steel springs in charging pump discharge pulsation dampeners with stainless steel springs.**

**Electrical**

**Replaced thermal overload heater and molded case circuit breaker for Safety Injection valve SI-3B.**

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH            JUNE, 1996

DAY                      AVERAGE DAILY  
                            POWER LEVEL  
                            (MWE-NET)

1	516
2	516
3	520
4	511
5	515
6	516
7	516
8	516
9	516
10	516
11	516
12	511
13	515
14	516
15	516
16	516
17	516
18	516
19	516
20	511
21	515
22	516
23	516
24	516
25	511
26	515
27	515
28	515
29	511
30	516

**DOCKET NO:** 50-305  
**UNIT NAME:** Kewaunee  
**DATE:** July 9, 1996  
**COMP BY:** Mary L. Anderson  
**TELEPHONE:** 414-388-2560 x2453

**UNIT SHUTDOWNS AND POWER REDUCTIONS**  
**REPORT MONTH - JUNE, 1996**

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

**TYPE**

**REASON**

**METHOD**

**SYSTEM & COMPONENT CODES**

**F: FORCED**  
**S: SCHEDULED**

**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)**

**1-Manual**  
**2-Manual Scram**  
**3-Automatic Scram**  
**4-Continuations**  
**5-Load Reductions**  
**9-Other**

**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- 414-388-2560 X2453

O P E R A T I N G   S T A T U S

1 UNIT NAME	KEWAUNEE	*****	
2 REPORTING PERIOD	JUNE, 1996	*	
3 LICENSED THERMAL POWER (MWT)	1650	* NOTES	
4 NAMEPLATE RATING (GROSS MWE)	560	* 100% Steady State Operation	
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	4367	193225
12 NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4339.7	166805.2
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	720.0	4334.7	164827.3
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1166067	7013407	261426909
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	389600	2340100	86658100
18 NET ELECTRICAL ENERGY GENERATED (MWH)	370794	2229439	82476356
19 UNIT SERVICE FACTOR	100.0	99.3	85.3
20 UNIT AVAILABILITY FACTOR	100.0	99.3	85.3
21 UNIT CAPACITY FACTOR (USING MDC NET)	100.8	99.9	83.3
22 UNIT CAPACITY FACTOR (USING DER NET)	96.3	95.4	79.8
23 UNIT FORCED OUTAGE RATE	0.0	0.7	2.0

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)  
 Refueling, 9-21-96, 40 Days

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A