

# CATEGORY 1

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RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Aug 1996 for Kewaunee Nuclear  
Power Plant.W/960910 ltr.

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NRC-96-95

September 10, 1996

10 CFR 50.36

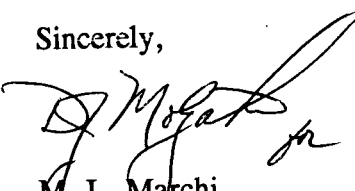
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Ladies/Gentlemen:

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 August 1996 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,



M. L. Marchi  
Manager-Nuclear Business Group

MLA

Enc.

170010

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

9609170470 960831  
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**KEWAUNEE NUCLEAR POWER PLANT - DOCKET 50-305  
SUMMARY OF OPERATING EXPERIENCE**

**August, 1996**

**The "End of Cycle" coastdown began on August 21, at 0900, in anticipation of the scheduled refueling outage which will commence on September 21, at 0000.**

**At the end of the reporting period, the unit is at 87% power.**

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

- **Investigated/corrected fuses for the Control Room air conditioning compressors.**
- **Troubleshoot/repaired Nuclear Power Range drawer meter range switches.**

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

**Mechanical**

**Work performed during August included supporting filter testing of safety related ventilation systems and inspecting for zebra mussels following continuous chlorination of the Service Water system.**

**Electrical**

**Electrical work included investigating high temperatures on the 1A Emergency Diesel Generator bearing and replacing bearings due to high vibration on the 1B Auxiliary Building Fan Floor Fan Coil Unit motor.**

**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- 414-388-2560 X2453**

**REPORT MONTH      AUGUST, 1996**

**DAY                      AVERAGE DAILY  
                            POWER LEVEL  
                            (MWE-NET)**

<b>1</b>	<b>511</b>
<b>2</b>	<b>507</b>
<b>3</b>	<b>511</b>
<b>4</b>	<b>507</b>
<b>5</b>	<b>507</b>
<b>6</b>	<b>515</b>
<b>7</b>	<b>511</b>
<b>8</b>	<b>515</b>
<b>9</b>	<b>515</b>
<b>10</b>	<b>515</b>
<b>11</b>	<b>512</b>
<b>12</b>	<b>515</b>
<b>13</b>	<b>511</b>
<b>14</b>	<b>511</b>
<b>15</b>	<b>515</b>
<b>16</b>	<b>511</b>
<b>17</b>	<b>515</b>
<b>18</b>	<b>511</b>
<b>19</b>	<b>516</b>
<b>20</b>	<b>511</b>
<b>21</b>	<b>503</b>
<b>22</b>	<b>503</b>
<b>23</b>	<b>491</b>
<b>24</b>	<b>487</b>
<b>25</b>	<b>483</b>
<b>26</b>	<b>474</b>
<b>27</b>	<b>466</b>
<b>28</b>	<b>466</b>
<b>29</b>	<b>458</b>
<b>30</b>	<b>453</b>
<b>31</b>	<b>453</b>

**DOCKET NO:** 50-305  
**UNIT NAME:** Kewaunee  
**DATE:** September 10, 1996  
**COMP BY:** Mary L. Anderson  
**TELEPHONE:** 414-388-2560 x2453

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

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
									No shutdowns or outages occurred in August.  On August 21, at 0900, the unit started the End of Cycle Coastdown.  At 1800 on August 31, the unit was at 87% Reactor Power, 453 MWEN.

**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	AUGUST, 1996	* NOTES
3 LICENSED THERMAL POWER (MWT)	1650	* 87% Power, EOL Coastdown in Progress
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	194713
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5827.7	168293.2
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	5822.7	166315.3
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1174752	9392986	263806488
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	391000	3133100	87451100
18 NET ELECTRICAL ENERGY GENERATED (MWH)	371581	2983562	83230478
19 UNIT SERVICE FACTOR	100.0	99.4	85.4
20 UNIT AVAILABILITY FACTOR	100.0	99.4	85.4
21 UNIT CAPACITY FACTOR (USING MDC NET)	97.7	99.7	83.4
22 UNIT CAPACITY FACTOR (USING DER NET)	93.4	95.2	79.9
23 UNIT FORCED OUTAGE RATE	0.0	0.6	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