



**Consumers  
Power  
Company**

Palisades Nuclear Plant: Route 2, Box 154, Covert, Michigan 49043

February 9, 1981

US Nuclear Regulatory Commission  
Mail and Records Section  
Washington, DC 20555

LICENSE REPORT OF MONTHLY OPERATING DATA  
DPR-20, DOCKET NO 50-255

Enclosed is a copy of the Monthly Operating Data and a Summary of  
Operating Experience for the Palisades Nuclear Plant for the month  
of January 1981.

*David M. Kennedy*

David M Kennedy  
General Engineer

CC JGKepler, USNRC  
KWBerry, P24-207A  
DPHoffman, P24-115  
GHRPetitjean, Palisades  
Resident Inspector, Palisades  
CVWaits, P11-228B  
LTPhillips, P21-327  
DEVanFarowe, Div of Radiological Health  
Lansing, MI  
SMierzwa, Mich Dept of Labor  
RCallen, Mich Public Service Commission  
BLavallee, NSAC  
Document Control (2) 950-22\*35\*10

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US NRC  
DISTRIBUTION SERVICES  
BRANCH

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DISTRIBUTION SERVICES UNIT

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OPERATING DATA REPORT

DOCKET NO. 50-255  
 DATE 2/9/81  
 COMPLETED BY PJBodtke  
 TELEPHONE 616-764-8913

OPERATING STATUS

- 1. Unit Name: Palisades
- 2. Reporting Period: 810101 - 810131
- 3. Licensed Thermal Power (MWt): 2530
- 4. Nameplate Rating (Gross MWe): 811.7
- 5. Design Electrical Rating (Net MWe): 805
- 6. Maximum Dependable Capacity (Gross MWe): \*675
- 7. Maximum Dependable Capacity (Net MWe): \*635

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

- 9. Power Level To Which Restricted, If Any (Net MWe): \_\_\_\_\_
- 10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>744</u>	<u>79,959</u>
12. Number Of Hours Reactor Was Critical	<u>723.4</u>	<u>723.4</u>	<u>44,245.8</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>715.9</u>	<u>715.9</u>	<u>41,909.4</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,777,944</u>	<u>1,777,944</u>	<u>81,481,680</u>
17. Gross Electrical Energy Generated (MWH)	<u>556,370</u>	<u>556,370</u>	<u>25,120,780</u>
18. Net Electrical Energy Generated (MWH)	<u>527,917</u>	<u>527,917</u>	<u>23,578,221</u>
19. Unit Service Factor	<u>96.2</u>	<u>96.2</u>	<u>52.4</u>
20. Unit Availability Factor	<u>96.2</u>	<u>96.2</u>	<u>52.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>111.7</u>	<u>111.7</u>	<u>46.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>88.1</u>	<u>88.1</u>	<u>36.6</u>
23. Unit Forced Outage Rate	<u>3.8</u>	<u>3.8</u>	<u>34.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End Of Report Period, Estimated Date of Startup: \_\_\_\_\_

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

\*Based on condenser backpressure

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 50-255  
 UNIT Palisades  
 DATE 2/9/81  
 COMPLETED BY PJBodtke  
 TELEPHONE 616-764-8913

MONTH January 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	757	17	733
2	739	18	738
3	753	19	747
4	744	20	755
5	745	21	755
6	757	22	754
7	758	23	763
8	743	24	752
9	732	25	743
10	751	26	748
11	694	27	754
12	745	28	747
13	750	29	744
14	753	30	750
15	0	31	749
16	342		

**INSTRUCTIONS**

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-255  
 UNIT NAME Palisades  
 DATE 2/9/81  
 COMPLETED BY PJBodtke  
 TELEPHONE 616-764-8913

REPORT MONTH January 1981

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
22	810115	F	28.1	A	1	-	-	-	Power supply failure to steam generator level controller.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH OF JANUARY 1981

The plant operated at essentially 100% power the entire month with the only substantial power decrease occurring on January 15. At that time, the reactor was manually tripped in response to erratic feedwater control. Power production continued the following day.