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**Consumers  
Power  
Company**

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

April 7, 1978

USNuclear Regulatory Commission  
Mail and Records Section  
Washington, D.C., 20555

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

Gentlemen:

Enclosed is a copy of the Monthly Operating Data, and a summary of Operating Experience for the Palisades Nuclear Plant for the month of March 1978.

William E. Adams,  
General Engineer

cc: JGKeppeler, USNRC  
RBDeWitt  
DABixel  
GHPetitjean  
CVWaits  
DEVan Farowe, Div. of Radiological Health  
Lansing, Mich.  
AKozlowski, Mich. Dept. of Labor  
RCallen, Mich. Public Service Comm., Lansing, Mich.  
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CONSUMERS POWER CO.  
PALISADES NUCLEAR PLANT  
DOCKET 50-255

SUMMARY OF OPERATING EXPERIENCE FOR PERIOD MARCH 1 THROUGH MARCH 31, 1978

3-1-78	The Plant was in a refueling shutdown condition.
3-6-78	Completed plugging of tubes in both Steam Generators. Completed refurbishment of Control Rod Drive packages.
3-13-78	Completed modifications to the 345KV line.
3-15-78	Completed ISI piping inspections.
3-16-78	Completed repairs to the Main Steam Isolation Valves.
3-20-78	Completed repairs to the Containment Air Coolers. Completed main generator inspection and repairs.
3-22-78	Completed refurbishment of Primary Coolant Pump P-55B oil lift system.
3-23-78	Completed repairs to Containment purge supply and exhaust valves (CV-1805, 1806, 1807, and 1808).
3-24-78	Commenced the Integrated Leak Rate Test (ILRT).
3-28-78	Completed the ILRT.
3-30-78	Completed modifications to the Reactor vessel head cooling system.

# OPERATING DATA REPORT

DOCKET NO. 50-255  
 DATE 4-4-78  
 COMPLETED BY DIBollnow  
 TELEPHONE 616-764-8913

## OPERATING STATUS

1. Unit Name: Palisades Plant
2. Reporting Period: 3-1-78 to 3-31-78
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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

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	0	2160	55,071
12. Number Of Hours Reactor Was Critical	0	124.9	29,524.3
13. Reactor Reserve Shutdown Hours	0		
14. Hours Generator On-Line	0	124.8	27,957.0
15. Unit Reserve Shutdown Hours	0		
16. Gross Thermal Energy Generated (MWH)	0	270,336	50,292,000
17. Gross Electrical Energy Generated (MWH)	0	81,640	15,668,250
18. Net Electrical Energy Generated (MWH)	0	76,464	14,689,831
19. Unit Service Factor	0	5.8	50.8
20. Unit Availability Factor	0	5.8	50.8
21. Unit Capacity Factor (Using MDC Net)	0	5.6	42.0
22. Unit Capacity Factor (Using DER Net)	0	4.4	33.1
23. Unit Forced Outage Rate	0	0	40.4
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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

\* Based on Condenser Backpressure Limitations

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-255  
UNIT Palisades  
DATE 3-04-78  
COMPLETED BY DIBollnow  
TELEPHONE 616-764-8913

MONTH March 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</u>		

## 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

REPORT MONTH March 1978

DOCKET NO. 50-255  
UNIT NAME Palisades  
DATE 4-4-78  
COMPLETED BY DIBollnow  
TELEPHONE 616-764-8913

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
1	780106	S	2,035.2	C	1	None	-	-	N/A

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

<sup>2</sup>  
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)

<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

(9/77)