Consumers Power Company

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

May 3, 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 April 1978.

WEAdams
General Engineer

cc: JGKeppler, USNRC
RBDeWitt
DABixel
GHPetitjean
CVWaits
DEVanFarowe, Div. of Radiological Health
Lansing, Mich.
AKozlowski, Mich. Dept. of Labor
RCallen, Mich. Public Service Comm., Lansing, Mich.
Document Control - (2) 950-22.35.10

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OPERATING DATA REPORT

DOCKET NO. 50-255
DATE 5-2-78
COMPLETED BY DIBollnow
TELEPHONE 616-764-8913

OPERATING STATUS

1. Unit Name: Palisades
2. Reporting Period: 780401 - 780430
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	719	2,879	55,790
12. Number Of Hours Reactor Was Critical	428.4	553.3	29,952.7
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	223.2	348.0	28,180.2
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	381,600	651,936	50,673,600
17. Gross Electrical Energy Generated (MWH)	111,170	192,810	15,779,420
18. Net Electrical Energy Generated (MWH)	101,584	178,048	14,791,415
19. Unit Service Factor	31.0%	12.1%	50.5%
20. Unit Availability Factor	31.0%	12.1%	50.5%
21. Unit Capacity Factor (Using MDC Net)	22.2%	9.7%	41.8%
22. Unit Capacity Factor (Using DER Net)	17.5%	7.7%	32.9%
23. Unit Forced Outage Rate	5.5%	3.6%	40.2%

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 Limitations

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-255
UNIT Palisades
DATE 5-2-78
COMPLETED BY DIBollnow
TELEPHONE 616-764-8913

MONTH April 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	52
5	0	21	78
6	0	22	28
7	0	23	283
8	0	24	309
9	0	25	393
10	0	26	508
11	0	27	622
12	0	28	665
13	0	29	662
14	0	30	644
15	0	31	
16	0		

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.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1978

DOCKET NO. 50-255
UNIT NAME Palisades
DATE 5-2-78
COMPLETED BY DIBollnow
TELEPHONE 616-764=8913

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
1	78-01-06	S	2498.6	C	1	None	-	-	
2	78-04-21	F	32.4	A	3	None	-	-	2. Feedwater Pump Trip

1
F: Forced
S: Scheduled

2
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)

3
Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

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

5
Exhibit I - Same Source

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Consumers Power Co.
Palisades Nuclear Plant
Docket 50-255

SUMMARY OF OPERATING EXPERIENCE FOR PERIOD APRIL 1 THROUGH APRIL 30, 1978

4-1-78 The plant was in the refueling shutdown condition, with the 1978 outage in progress.

4-5-78 Completed filling and venting the Primary Coolant System.

4-7-78 The NRC issued Amendments 38 and 39 to the Palisades Provisional Operating License. Amendment 38 modified Technical Specification testing requirements relating to the control rod drive position indication system, and Amendment 39 established a new operating allowance for steam generator tube degradation.

4-8-78 The Primary Coolant System was brought to operating temperature and pressure.

4-12-78 o The NRC issued Amendment 40 to the Palisades Provisional Operating License. This amendment modified the Limiting Conditions of Operation for the Iodine removal system.

o The reactor was brought to criticality. (Initial criticality for Core III.) Low power physics testing was commenced.

4-16-78 Low power physics testing was completed.

4-19-78 A reactor trip occurred. The trip resulted from low steam generator water level. The reactor was brought to criticality within 4 hours.

4-20-78 The generator was put on line, ending the outage which commenced on January 6, 1978. The outage lasted 2,498.6 hours.

4-21-78 A reactor trip occurred because of a low steam generator water level. The low level resulted from feedwater pump trip which was caused by a faulty vibration trip device. During this outage, repairs were made to two CRDM's to resolve a position indication problem (reference LER 78-009), and to replace a faulty motor-gearbox-brake assembly (reference LER 78-010). The reactor was made critical on the same day.

4-22-78 o The generator was placed on line, ending an outage of 32.4 hours duration.

o After power was raised to 50%, power was held in order to perform equilibrium Xenon physics testing.

4-27-78 Power escalation to 90% of full power was completed. Reactor power was limited to 90% by axial power distribution limits. During the escalation in power, operational testing of the full-flow condensate polishing system was in progress.