



Consumers
Power
Company

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

January 4, 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 for the Palisades Nuclear Plant for the month of December 1977.

William E. Adams
General Engineer

cc: JGKeppler, NRC
RBDeWitt
DABixel
CVWaits
DEVanFarowe, Div. of Radiological Health
Lansing, Mich.
AKozlowski, Mich. Dept. of Labor
RCallen, Mich. Pub. Service Comm., Lansing, MI.
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-255

UNIT PALISADES

DATE 1-4-78

COMPLETED BY DIBollnow

TELEPHONE 616-764-8913

MONTH December 1977

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>718</u>
2	<u>-726</u>
3	<u>727</u>
4	<u>724</u>
5	<u>733</u>
6	<u>713</u>
7	<u>713</u>
8	<u>714</u>
9	<u>706</u>
10	<u>714</u>
11	<u>8</u>
12	<u>132</u>
13	<u>475</u>
14	<u>671</u>
15	<u>718</u>
16	<u>718</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>723</u>
18	<u>712</u>
19	<u>724</u>
20	<u>725</u>
21	<u>714</u>
22	<u>719</u>
23	<u>725</u>
24	<u>719</u>
25	<u>714</u>
26	<u>708</u>
27	<u>668</u>
28	<u>666</u>
29	<u>681</u>
30	<u>658</u>
31	<u>667</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.

OPERATING DATA REPORT

DOCKET NO. 50-255
 DATE 1-4-78
 COMPLETED BY DIBollnow
 TELEPHONE 616-764-8913

OPERATING STATUS

1. Unit Name: PALISADES
2. Reporting Period: 12-1-77 to 12-31-77
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	744	8,760	52,911
12. Number Of Hours Reactor Was Critical	716.8	8,128.5	29,399.4
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	708.8	8,008	27,832.2
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1,703,640	17,338,680	50,021,664
17. Gross Electrical Energy Generated (MWH)	518,310	5,401,410	15,586,610
18. Net Electrical Energy Generated (MWH)	490,350	5,084,688	14,613,367
19. Unit Service Factor	95.3%	91.4%	52.6%
20. Unit Availability Factor	95.3%	91.4%	52.6%
21. Unit Capacity Factor (Using MDC Net)	103.8%	91.4%	43.5%
22. Unit Capacity Factor (Using DER Net)	81.9%	72.1%	34.3%
23. Unit Forced Outage Rate	4.7%	5.7%	40.5%
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	January 1978 - Refueling Outage		

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

(9/77)

APPENDIX D
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-255

UNIT NAME PALISADES

DATE 1-4-78

COMPLETED BY DIBollnow

TELEPHONE 616-764-8913

REPORT MONTH DECEMBER 1977

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
14	771211	F	35.2	A	2	<p>(1) REASON A: EQUIPMENT FAILURE (EXPLAIN) B: MAINT. OR TEST C: REFUELING D: REGULATORY RESTRICTION E: OPERATOR TRAINING AND LICENSE EXAMINATION F: ADMINISTRATIVE G: OPERATIONAL ERROR (EXPLAIN) H: OTHER (EXPLAIN)</p> <p>Loss of offsite power. Cause not yet determined.</p> <p>(2) METHOD 1: MANUAL 2: MANUAL SCRAM. 3: AUTOMATIC SCRAM 4: OTHER (EXPLAIN)</p>

SUMMARY: The Plant operated at a nominal 98% power level for most of the month with exception of the above outage. Coastdown began during the last week of this month.

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