

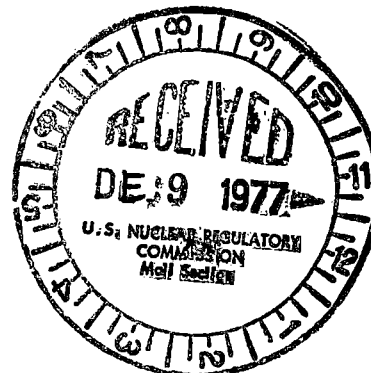
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Consumers
Power
Company

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

December 2, 1977



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 November 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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OPERATING DATA REPORT

DOCKET NO. 50-255
 DATE 12-2-77
 COMPLETED BY DI Bollnow
 TELEPHONE 616-764-8913

OPERATING STATUS

1. Unit Name: PALISADES
2. Reporting Period: 11-1-77 to 11-30-77
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

Notes

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

Item #3 - New Licence Limit of 2530 (from 2200)

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	720	8,016	52,167
12. Number Of Hours Reactor Was Critical	666.8	7,411.7	28,682.6
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	650.5	7,299.2	27,123.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,457,736	15,635,040	48,318,024
17. Gross Electrical Energy Generated (MWH)	450,370	4,883,100	15,068,300
18. Net Electrical Energy Generated (MWH)	423,920	4,594,338	14,123,017
19. Unit Service Factor	90.3%	91.1%	52%
20. Unit Availability Factor	90.3%	91.1%	52%
21. Unit Capacity Factor (Using MDC Net)	92.7%	90.3%	42.6%
22. Unit Capacity Factor (Using DER Net)	73.1%	71.2%	33.6%
23. Unit Forced Outage Rate	9.7%	5.8%	41.1%

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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-255
 UNIT Palisades
 DATE 12-2-77
 COMPLETED BY DIBollnow
 TELEPHONE 616-764-8913

MONTH November 1977

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>634</u>
2	<u>638</u>
3	<u>635</u>
4	<u>640</u>
5	<u>640</u>
6	<u>638</u>
7	<u>675</u>
8	<u>694</u>
9	<u>694</u>
10	<u>719</u>
11	<u>736</u>
12	<u>741</u>
13	<u>742</u>
14	<u>740</u>
15	<u>730</u>
16	<u>735</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>739</u>
18	<u>736</u>
19	<u>725</u>
20	<u>355</u>
21	<u>697</u>
22	<u>670</u>
23	<u>618</u>
24	<u>628</u>
25	<u>220</u>
26	<u>0</u>
27	<u>37</u>
28	<u>40</u>
29	<u>462</u>
30	<u>706</u>
31	<u></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.

(9/77)

APPENDIX E
UNIT SHUTDOWNS

DOCKET NO. 50-255
UNIT NAME Palisades
DATE Dec. 1, 1977
COMPLETED BY DIBollnow

REPORT MONTH November 1977

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
12	771125	F	51.4	A	2	Loss of offsite power, cause not yet determined.
13	771127	F	18.1	G	3	Loss of Feedwater Pump during power escalation.
						<p>(1) REASON</p> <p>A-EQUIPMENT FAILURE (EXPLAIN)</p> <p>B- MAINT. OR TEST</p> <p>C- REFUELING</p> <p>D-REGULATORY RESTRICTION</p> <p>E-OPERATOR TRAINING AND LICENSE EXAMINATION</p> <p>F-ADMINISTRATIVE</p> <p>G-OPERATIONAL ERROR (EXPLAIN)</p> <p>H-OTHER (EXPLAIN)</p> <p>(2) METHOD</p> <p>1-MANUAL</p> <p>2-MANUAL SCRAM</p> <p>3-AUTOMATIC SCRAM</p>

SUMMARY: The Plant was authorized to operate at a new license limit of 2530 MWt on 11-4-77 and the actual power increase started on 11-7-77.

1.16-E-1

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PROCESSING UNIT

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