



A CMS Energy Company

Palisades Nuclear Plant
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January 12, 2001

U.S. Nuclear Regulatory Commission
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DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT
LICENSEE REPORT OF MONTHLY OPERATING DATA

Enclosed is a copy of the Monthly Operating Data and Summary of Operating Experience for the Palisades Nuclear Plant for the month of December, 2000.

If you have any questions or concerns, please contact Scott Hawn at (616) 764-3179.

Nathan L. Haskell
Director, Licensing and Performance Assessment

CC Administrator, Region III, USNRC
NRC Resident Inspector, Palisades
LBrandon, Michigan Department of Environmental Quality
BWJorgensen, Michigan Department of Labor
RDWhale, Michigan Public Service Commission
Records Center, INPO
GABaustian, Palisades
SMMcIntyre, P-26-204

Attachment

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ATTACHMENT

**CONSUMERS ENERGY COMPANY
PALISADES PLANT
DOCKET 50-255**

January 12, 2001

**LICENSEE REPORT OF MONTHLY OPERATING DATA
December, 2000**

5 Pages

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255
 UNIT Palisades
 DATE 1/04/01
 COMPLETED BY SFPierce
 TELEPHONE (616)764-2239

MONTH December 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
1.	<u> 800 </u>	17.	<u> 801 </u>
2.	<u> 799 </u>	18.	<u> 801 </u>
3.	<u> 800 </u>	19.	<u> 801 </u>
4.	<u> 799 </u>	20.	<u> 800 </u>
5.	<u> 798 </u>	21.	<u> 799 </u>
6.	<u> 800 </u>	22.	<u> 799 </u>
7.	<u> 800 </u>	23.	<u> 798 </u>
8.	<u> 801 </u>	24.	<u> 798 </u>
9.	<u> 800 </u>	25.	<u> 796 </u>
10.	<u> 799 </u>	26.	<u> 796 </u>
11.	<u> 800 </u>	27.	<u> 799 </u>
12.	<u> 799 </u>	28.	<u> 799 </u>
13.	<u> 801 </u>	29.	<u> 799 </u>
14.	<u> 800 </u>	30.	<u> 798 </u>
15.	<u> 799 </u>	31.	<u> 798 </u>
16.	<u> 800 </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.

SUMMARY OF OPERATING EXPERIENCE FOR DECEMBER 2000

The Plant began the month of December at approximately 99% power. Operation at the 99% power level or above continued for the entire period.

OPERATING DATA REPORT

DOCKET NO: 50-255
 DATE: 1-4-01
 COMPLETED BY: SFPierce
 TELEPHONE (616) 764-2239
 NOTES:

OPERATING STATUS:

- | | | |
|--------------------------------------------|---------------|----|
| 1. UNIT NAME | Palisades | |
| 2. REPORTING PERIOD: | 001201-001231 | |
| 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) | 770 | ** |
| 7. MAXIMUM DEPENDABLE CAPACITY (NET Mwe) | 730 | ** |
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEM NUMBERS 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	744.0	8784.0	254535.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7732.1	158042.6
13. REACTOR RESERVE SHUTDOWN HOURS	---	---	---
14. HOURS GENERATOR ON-LINE	744.0	7673.4	152670.5
15. UNIT RESERVE SHUTDOWN HOURS	---	---	---
16. GROSS THERMAL ENERGY GENERATED (MWH)	1874853	18611688	343576879
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	622828	6045838	109283360
18. NET ELECTRICAL ENERGY GENERATED (MWH)	594640	5748023	103338184
19. UNIT SERVICE FACTOR	100.0%	87.4%	60.0%
20. UNIT AVAILABILITY FACTOR	100.0%	87.4%	60.0%
21. UNIT CAPACITY FACTOR (USING MDC NET)	109.5%	89.6%	58.7%
22. UNIT CAPACITY FACTOR (USING DER NET)	99.3%	81.3%	50.4%
23. UNIT FORCED OUTAGE RATE	0.0%	12.6%	24.8%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):			

25. IF SHUTDOWN 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

* Weighted Average (635 MWe used as MDC Net prior to October 1985)

REPORT MONTH _
December 2000

DOCKET NO 50-255
 UNIT Palisades
 DATE 1/4/01
 COMPLETED BY SFPierce
 TELEPHONE 616-764-2239

UNIT SHUTDOWNS AND POWER REDUCTIONS

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
N/A						N/A			No shutdowns this period

- | | | | | |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <p>1.
F: Forced
S: Scheduled</p> | <p>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)</p> | <p>3.
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)</p> | <p>4.
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)</p> | <p>5.
Exhibit I - Same Source</p> |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|