

A CMS Energy Company

Palisades Nuclear Plant
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Nathan L. Haskell
Director, Licensing and
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February 13, 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 January, 2001.

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

TE24

ATTACHMENT

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

February 13, 2001

**LICENSEE REPORT OF MONTHLY OPERATING DATA
January, 2001**

5 Pages

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255
UNIT Palisades
DATE 2/04/01
COMPLETED BY SFPierce
TELEPHONE (616)764-2239

MONTH January 2001

DAY AVERAGE DAILY POWER LEVEL
(MWe Net)

1.	<u>800</u>
2.	<u>800</u>
3.	<u>800</u>
4.	<u>802</u>
5.	<u>801</u>
6.	<u>802</u>
7.	<u>802</u>
8.	<u>803</u>
9.	<u>802</u>
10.	<u>802</u>
11.	<u>799</u>
12.	<u>802</u>
13.	<u>802</u>
14.	<u>802</u>
15.	<u>802</u>
16.	<u>801</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe Net)

17.	<u>802</u>
18.	<u>802</u>
19.	<u>801</u>
20.	<u>802</u>
21.	<u>801</u>
22.	<u>799</u>
23.	<u>801</u>
24.	<u>800</u>
25.	<u>739</u>
26.	<u>749</u>
27.	<u>790</u>
28.	<u>801</u>
29.	<u>800</u>
30.	<u>800</u>
31.	<u>801</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 JANUARY 2001

The Plant began the month of January at essentially full power. Operation at full power continued until January 25, when power was reduced to 90% to repair a control valve in the secondary plant (heater drain system control valve CV-0608). Repairs were completed by January 27, when the plant returned to full power. Operation at full power continued through the end of the month.

OPERATING DATA REPORT

DOCKET NO: 50-255
 DATE: 2-4-01
 COMPLETED BY: SFPierce
 TELEPHONE (616) 764-2239
 NOTES:

OPERATING STATUS:

1. UNIT NAME Palisades
2. REPORTING PERIOD: 010101-010131
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	744.0	255279.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	158786.6
13. REACTOR RESERVE SHUTDOWN HOURS	----	----	----
14. HOURS GENERATOR ON-LINE	744.0	744.0	153414.5
15. UNIT RESERVE SHUTDOWN HOURS	----	----	----
16. GROSS THERMAL ENERGY GENERATED (MWH)	1874201	1874201	345451080
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	621811	621811	109905171
18. NET ELECTRICAL ENERGY GENERATED (MWH)	592991	592991	103931175
19. UNIT SERVICE FACTOR	100.0%	100.0%	60.1%
20. UNIT AVAILABILITY FACTOR	100.0%	100.0%	60.1%
21. UNIT CAPACITY FACTOR (USING MDC NET)	109.2%	109.2%	58.9%
22. UNIT CAPACITY FACTOR (USING DER NET)	99.0%	99.0%	50.6%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	24.7%
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 _
January 2001

DOCKET NO 50-255
UNIT Palisades
DATE 2/4/01
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 power reductions of 20% or more No shutdowns this period

1.	2.	3.	4.	5.
F: Forced	Reason:	Method:	Exhibit G - Instructions	Exhibit I - Same Source
S: Scheduled	A-Equipment Failure (Explain)	1-Manual	for Preparation of Data	
	B-Maintenance or Test	2-Manual Scram	Entry Sheets for Licensee	
	C-Refueling	3-Automatic Scram	Event Report (LER) File	
	D-Regulatory Restriction	4-Other (Explain)	(NUREG-0161)	
	E-Operator Training & License Examination			
	F-Administrative			
	G-Operational Error (Explain)			
	H-Other (Explain)			