

March 13, 2002

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

**DOCKET 50-255 - LICENSE DPR-20 - PALISADES NUCLEAR PLANT**  
**LICENSEE REPORT OF MONTHLY OPERATING DATA**

Attached are the Monthly Operating Data and Summary of Operating Experience for the Palisades Nuclear Plant for the month of February 2002.

If you have any questions, please contact Mr. Rich Schmidt at (616) 764-2185.



Laurie A. Lahti  
Manager, Licensing

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

Attachment

IE24

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255  
 UNIT Palisades  
 DATE 3/05/02  
 COMPLETED BY SFPierce  
 TELEPHONE (616)764-2239

MONTH February 2002

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
1.	<u>796</u>	17.	<u>797</u>
2.	<u>797</u>	18.	<u>797</u>
3.	<u>796</u>	19.	<u>796</u>
4.	<u>796</u>	20.	<u>798</u>
5.	<u>797</u>	21.	<u>810</u>
6.	<u>797</u>	22.	<u>811</u>
7.	<u>797</u>	23.	<u>811</u>
8.	<u>797</u>	24.	<u>809</u>
9.	<u>797</u>	25.	<u>809</u>
10.	<u>797</u>	26.	<u>810</u>
11.	<u>796</u>	27.	<u>810</u>
12.	<u>793</u>	28.	<u>810</u>
13.	<u>797</u>	29.	<u>N/A</u>
14.	<u>796</u>	30.	<u>N/A</u>
15.	<u>796</u>	31.	<u>N/A</u>
16.	<u>797</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 FEBRUARY 2002

The plant operated at full power for the entire month.

OPERATING DATA REPORT

DOCKET NO: 50-255  
 DATE (Mo-Da-Yr): 03-04-02  
 COMPLETED BY: SFPierce  
 TELEPHONE (616) 764-2239  
 NOTES:

OPERATING STATUS:

- 1. UNIT NAME Palisades
- 2. REPORTING PERIOD (YrMoDa-YrMoDa): 020201-020228
- 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	672.0	1416.0	264711.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1024.4	162251.1
13. REACTOR RESERVE SHUTDOWN HOURS	---	---	---
14. HOURS GENERATOR ON-LINE	672.0	930.6	156721.1
15. UNIT RESERVE SHUTDOWN HOURS	---	---	---
16. GROSS THERMAL ENERGY GENERATED (MWH)	1699451	2274515	353399092
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	563142	749736	112508764
18. NET ELECTRICAL ENERGY GENERATED (MWH)	537832	714814	106408629
19. UNIT SERVICE FACTOR	100.0%	65.7%	59.2%
20. UNIT AVAILABILITY FACTOR	100.0%	65.7%	59.2%
21. UNIT CAPACITY FACTOR (USING MDC NET) *	109.6%	69.2%	58.1%
22. UNIT CAPACITY FACTOR (USING DER NET)	99.4%	62.7%	49.9%
23. UNIT FORCED OUTAGE RATE	0.0%	34.3%	26.2%
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

February 2002

DOCKET NO 50-255

UNIT Palisades

DATE(Mo/Da/Yr) 03/05/02

COMPLETED BY SFPierce

TELEPHONE 616-764-2239

UNIT SHUTDOWNS AND POWER REDUCTIONS

No.	Date (YrMoDa)	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
-----	------------------	-------------------	---------------------	---------------------	--	-------------------------------	-----------------------------	--------------------------------	---

NONE

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