

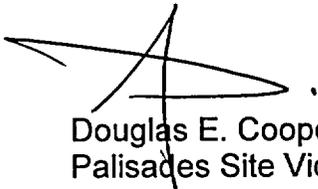
January 13, 2003

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 December 2002.

If you have any questions, please contact Mr. Scott Hawn at (269) 764-3179.



Douglas E. Cooper  
Palisades Site Vice President

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

Attachments



## SUMMARY OF OPERATING EXPERIENCE FOR DECEMBER 2002

The plant operated at essentially full power (at greater than 99%) until December 1, 2002 at 21:54, when the plant automatically tripped due to a loss of load resulting from the failure of a static line between the plant and the switchyard. Repairs were completed and the reactor was brought critical on December 4, 2002 at 16:51. The plant was synchronized to the grid on December 5, 2002 at 11:59 hours. The plant was returned to essentially full power on December 7, 2002, and completed the month at essentially full power.

OPERATING DATA REPORT

DOCKET NO: 50-255  
 DATE (Mo-Da-Yr) 01-07-03  
 COMPLETED BY. HAReyner  
 TELEPHONE (269) 764-2057  
 NOTES

OPERATING STATUS:

- 1. UNIT NAME Palisades
- 2. REPORTING PERIOD (YrMoDa-YrMoDa) 021201-021231
- 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	8760.0	272055 0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	677.1	8301.5	169528 2
13. REACTOR RESERVE SHUTDOWN HOURS	—	—	—
14. HOURS GENERATOR ON-LINE	657.9	8188 5	163979 0
15. UNIT RESERVE SHUTDOWN HOURS	—	—	—
16. GROSS THERMAL ENERGY GENERATED (MWH)	1616317	20323890	371448467
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	532932	6679007	118438035
18. NET ELECTRICAL ENERGY GENERATED (MWH)	508342	6369371	112063186
19. UNIT SERVICE FACTOR	88 4%	93 5%	60 3%
20. UNIT AVAILABILITY FACTOR	88 4%	93.5%	60 3%
21. UNIT CAPACITY FACTOR (USING MDC NET) *	93 6%	99 6%	59 3%
22. UNIT CAPACITY FACTOR (USING DER NET)	84 9%	90 3%	51 2%
23. UNIT FORCED OUTAGE RATE	11 6%	6 5%	25 3%

\*\* Based on condenser backpressure

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

REPORT MONTH

December 2002

DOCKET NO. 50-255

UNIT NAME Palisades

DATE(Mo/Da/Yr) 01/06/03

COMPLETED BY HAReyner

TELEPHONE 269-764-2057

UNIT SHUTDOWNS

No	Date (YrMoDa)	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause / Corrective Actions Comments
2	02/12/01	F	86.1 hrs	A	3	Loss of load due to failure of a static line between the plant and the switchyard Made necessary repairs and will re-evaluate Palisades' Response to SOER 99-1, Loss of Grid, Recommendation 3

1.  
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)

2.  
Method:  
1-Manual  
2-Manual Trip/Scram  
3-Automatic Trip/Scram  
4-Other (Explain)