

February 4, 2000

US Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

LICENSEE REPORT OF MONTHLY OPERATING DATA  
DPR-20, DOCKET NO 50-255

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

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

Sincerely,



R. S. Hawn  
Reactor Engineering Supervisor

CC: JMMilan, Palisades  
GABaustian, Palisades  
Senior Resident Inspector, Palisades  
DRHahn, Div of Rad Health Services, Lansing, MI  
BWJorgensen, Michigan Dept of Labor, Lansing, MI  
RDWhale, Michigan Public Service Commission  
Records Center, INPO, Atlanta, GA  
SMMcIntyre, P26-204  
Region III Administrator, USNRC  
Pal. Eng. Records Center, 950\*22\*35\*10/L  
Cycle 15 Reports (SFP 00\*02)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255  
 UNIT Palisades  
 DATE 02/04/00  
 COMPLETED BY SFPierce  
 TELEPHONE (616)764-2239

MONTH JANUARY 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
1.	<u>400</u>	17.	<u>650</u>
2.	<u>452</u>	18.	<u>651</u>
3.	<u>470</u>	19.	<u>684</u>
4.	<u>508</u>	20.	<u>695</u>
5.	<u>554</u>	21.	<u>698</u>
6.	<u>552</u>	22.	<u>701</u>
7.	<u>556</u>	23.	<u>701</u>
8.	<u>556</u>	24.	<u>702</u>
9.	<u>564</u>	25.	<u>718</u>
10.	<u>564</u>	26.	<u>733</u>
11.	<u>595</u>	27.	<u>732</u>
12.	<u>612</u>	28.	<u>732</u>
13.	<u>613</u>	29.	<u>769</u>
14.	<u>614</u>	30.	<u>778</u>
15.	<u>621</u>	31.	<u>779</u>
16.	<u>650</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 2000

The Plant began the month of January continuing the return to full power following the refueling outage.

The plant was at 57% on January 1. Plant power was gradually escalated to 99.9% during the period from January 1 to January 31. The plant ended the month at approximately 99.9% power.

REPORT MONTH JANUARY 2000

DOCKET NO 50-255

UNIT Palisades

DATE 02/03/00

COMPLETED BY SFPierce

TELEPHONE 616-764-2239

UNIT SHUTDOWNS AND POWER REDUCTIONS

No.	Date	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
1	1/1/2000	S		F	4 At Reduced Power				Chemistry Hold Due to High Sodium Levels in Feedwater

- |              |                                              |                   |                           |                         |
|--------------|----------------------------------------------|-------------------|---------------------------|-------------------------|
| 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<br>Examination |                   |                           |                         |
|              | F-Administrative                             |                   |                           |                         |
|              | G-Operational Error (Explain)                |                   |                           |                         |
|              | H-Other (Explain)                            |                   |                           |                         |

OPERATING DATA REPORT

DOCKET NO 50-255  
 DATE 2-1-00  
 COMPLETED BY SFPierce  
 TELEPHONE (616)764-2239

OPERATING STATUS:

1. UNIT NAME Palisades  
 2. REPORTING PERIOD: 000101-000131  
 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:

NOTES:

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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	246495.0
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	151054.5
13 REACTOR RESERVE SHUTDOWN HOURS	----	----	----
14 HOURS GENERATOR ON-LINE	744.0	744.0	145741.1
15 UNIT RESERVE SHUTDOWN HOURS	----	----	----
16 GROSS THERMAL ENERGY GENERATED (MWH)	1569517	1569517	326534708
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	498049	498049	103735571
18 NET ELECTRICAL ENERGY GENERATED (MWH)	470443	470443	98060604
19 UNIT SERVICE FACTOR	100.0%	100.0%	59.1%
20 UNIT AVAILABILITY FACTOR	100.0%	100.0%	59.1%
21 UNIT CAPACITY FACTOR (USING MDC NET)	86.6%	86.6%	57.7%*
22 UNIT CAPACITY FACTOR (USING DER NET)	78.5%	78.5%	49.4%
23 UNIT FORCED OUTAGE RATE	0.0%	0.0%	25.3%
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)