

A CMS Energy Company

Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043

June 3, 1999

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 May 1999.

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 14 Reports (SMH 99*14)

9906080201 990531
PDR ADDCK 05000255
R PDR

JE24/11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255
 UNIT Palisades
 DATE 06/03/99
 COMPLETED BY SMHandlovits
 TELEPHONE (616)764-3262

MONTH May

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
1.	<u>789</u>	17.	<u>0</u>
2.	<u>787</u>	18.	<u>80</u>
3.	<u>783</u>	19.	<u>284</u>
4.	<u>779</u>	20.	<u>674</u>
5.	<u>774</u>	21.	<u>705</u>
6.	<u>774</u>	22.	<u>771</u>
7.	<u>629</u>	23.	<u>772</u>
8.	<u>0</u>	24.	<u>783</u>
9.	<u>0</u>	25.	<u>785</u>
10.	<u>0</u>	26.	<u>786</u>
11.	<u>0</u>	27.	<u>786</u>
12.	<u>0</u>	28.	<u>782</u>
13.	<u>0</u>	29.	<u>780</u>
14.	<u>0</u>	30.	<u>779</u>
15.	<u>0</u>	31.	<u>774</u>
16.	<u>0</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 MAY 1999

The Plant began the month of May at nominal full power. On May 7 at 1323 hours, the Plant began a shutdown for a scheduled outage to replace a primary coolant pump seal, repair primary coolant pump oil leaks, and plug condenser tube leaks. The Plant was off-line at 2054 hours and subcritical at 2107 hours. Following the repairs, the Plant went critical on May 17 at 2026 hours and was placed on-line May 18 at 0756 hours. Power escalation was held up primarily due to condenser tube repairs, and nominal full power was reached on May 20 at 2002 hours. The Plant remained at full power for the rest of the month.

REPORT MONTH MAY 1999

DOCKET NO 50-255

UNIT Palisades

DATE 06/03/99

COMPLETED BY SMHandlovits

TELEPHONE 616-764-3262

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
2	05/07/99	S	251.0	B	1				Replace Primary Coolant Pump Seal

- | | | | | |
|--------------|--|-------------------|---------------------------|-------------------------|
| 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) | | | |

OPERATING DATA REPORT

DOCKET NO 50-255
 DATE 6-3-99
 COMPLETED BY SMHandlovits
 TELEPHONE (616) 764-3262

OPERATING STATUS:

1. UNIT NAME Palisades
2. REPORTING PERIOD: 990501-990531
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:

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	3623.0	240614.0
12 NUMBER OF HOURS REACTOR WAS CRITICAL	504.7	3226.2	146509.8
13 REACTOR RESERVE SHUTDOWN HOURS	----	----	----
14 HOURS GENERATOR ON-LINE	493.0	3198.4	141284.1
15 UNIT RESERVE SHUTDOWN HOURS	----	----	----
16 GROSS THERMAL ENERGY GENERATED (MWH)	1186282.4	7970758.7	316189561.9
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	375527	2590605	100432191
18 NET ELECTRICAL ENERGY GENERATED (MWH)	356536	2466864	94928664
19 UNIT SERVICE FACTOR	66.3%	88.3%	58.7%
20 UNIT AVAILABILITY FACTOR	66.3%	88.3%	58.7%
21 UNIT CAPACITY FACTOR (USING MDC NET)	65.6%	93.3%	57.3% *
22 UNIT CAPACITY FACTOR (USING DER NET)	59.5%	84.6%	49.0%
23 UNIT FORCED OUTAGE RATE	33.7%	11.7%	25.8%
24 SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):			

Refueling Outage. 10/16/99. 37 days.

- 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)