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MICHIGAN'S PROGRESS**

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

June 2, 1995

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, 1995.

If you have any questions or concerns, please feel free to contact me at (616) 764-8913, extension 0113.

Sincerely,

A L Williams  
Reactor Engineer

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# OPERATING DATA REPORT

DOCKET NO 50-255  
 DATE 06-02-95  
 COMPLETED BY BWBerles  
 TELEPHONE (616)764-8913

## OPERATING STATUS:

## NOTES:

1. UNIT NAME Palisades
2. REPORTING PERIOD: 950501-950531
3. LICENSED THERMAL POWER (MWt) 2530.0
4. NAMEPLATE RATING (GROSS MWe) 811.7
5. DESIGN ELECTRICAL RATING (NET MWe) 805.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe) \*\*770
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe) \*\*730
8. IF CHANGES OCCUR IN CAPCITY 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	3623.0	205550.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	515.2	3394.2	117706.2
13. REACTOR RESERVE SHUTDOWN HOURS	----	----	----
14. HOURS GENERATOR ON-LINE	515.2	3394.2	113056.3
15. UNIT RESERVE SHUTDOWN HOURS	----	----	----
16. GROSS THERMAL ENERGY GENERATED (MWH)	1170744.0	8384257.0	246674908.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	372341.0	2720389.0	78085180.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	352564.0	2587807.0	73684368.0
19. UNIT SERVICE FACTOR	69.2%	93.7%	55.0%
20. UNIT AVAILABILITY FACTOR	69.2%	93.7%	55.0%
21. UNIT CAPACITY FACTOR (USING MDC NET)	64.9%	97.8%	53.0%*
22. UNIT CAPACITY FACTOR (USING DER NET)	58.9%	88.7%	44.5%
23. UNIT FORCED OUTAGE RATE	23.2%	4.4%	29.2%
24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):			

The 1995 Refueling Outage began on 5/22/95 and is scheduled for 92 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)

# AVERAGE DAILY UNIT POWER LEVEL

MONTH           MAY          

DOCKET NO           50-255            
 UNIT           Palisades            
 DATE           06/02/95            
 COMPLETED BY           BWBerles            
 TELEPHONE           (616)764-8913          

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
1.	<u>          776          </u>
2.	<u>          775          </u>
3.	<u>          776          </u>
4.	<u>          775          </u>
5.	<u>          774          </u>
6.	<u>          773          </u>
7.	<u>          769          </u>
8.	<u>          771          </u>
9.	<u>          768          </u>
10.	<u>          580          </u>
11.	<u>          426          </u>
12.	<u>          546          </u>
13.	<u>          565          </u>
14.	<u>          631          </u>
15.	<u>          642          </u>
16.	<u>          662          </u>

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
17.	<u>          671          </u>
18.	<u>          677          </u>
19.	<u>          676          </u>
20.	<u>          673          </u>
21.	<u>          676          </u>
22.	<u>          310          </u>
23.	<u>          0          </u>
24.	<u>          0          </u>
25.	<u>          0          </u>
26.	<u>          0          </u>
27.	<u>          0          </u>
28.	<u>          0          </u>
29.	<u>          0          </u>
30.	<u>          0          </u>
31.	<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 1995

The unit began the month operating at full power. On 5/10/95 at 1300, the loss of Bus 1G resulted in Cooling Tower Pump P-39B tripping. An emergency power reduction was made and the unit was stabilized at 55% power. Power was slowly raised to 88% by 5/16/95, where it remained until 5/22/95. At 1105 on 5/22/95, 'A' Main Feedwater Pump tripped and an emergency power reduction was performed to approximately 50%. At 1110, 'B' Main Feedwater Pump also tripped, at which point the reactor was manually scrammed. The unit remained off-line and entered the Refueling Outage originally scheduled for 5/28/95.

REPORT MONTH MAY 1995

DOCKET NO 50-255  
 UNIT Palisades  
 DATE 06/02/95  
 COMPLETED BY BWBerles  
 TELEPHONE (616)764-8913

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	5/10/95		131	A-Cooling Tower Pump Trip					Power reduction from 100% to 55% following CT trip. Power raised to 88% by 5/16/95.
2	5/22/95	F	155.8	A-Both Main Feedwater Pumps Tripped	2	95-003			Loss of both Main Feedwater Pumps in a 5 minute interval. Rapid downpower from 88% to 60% power, followed by manual scram from 60% power.
3	5/28/95	S		C					Refueling Outage scheduled to begin on 5/28/95 began on 5/22/95 due to #2.

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