

A CMS Energy Company

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

May 4, 2000

US Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

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

Enclosed is a copy of the Monthly Operating Data and Summary of Operating Experience for the Palisades Nuclear Plant for the month of April, 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
LBrandon, MI Dept. of Env. Qual, 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*10)

IE24

AVERAGE DAILY UNIT POWER LEVEL

MONTH April 2000

DOCKET NO 50-255
UNIT Palisades
DATE 05/04/00
COMPLETED BY SFPierce
TELEPHONE (616)764-2239

DAY AVERAGE DAILY POWER LEVEL

(MWe Net)

1.	<u>791</u>
2.	<u>759</u>
3.	<u>790</u>
4.	<u>231</u>
5.	<u>0</u>
6.	<u>0</u>
7.	<u>35</u>
8.	<u>401</u>
9.	<u>736</u>
10.	<u>787</u>
11.	<u>787</u>
12.	<u>787</u>
13.	<u>790</u>
14.	<u>795</u>
15.	<u>790</u>
16.	<u>797</u>

DAY AVERAGE DAILY POWER LEVEL

(MWe Net)

17.	<u>798</u>
18.	<u>799</u>
19.	<u>796</u>
20.	<u>794</u>
21.	<u>796</u>
22.	<u>799</u>
23.	<u>799</u>
24.	<u>795</u>
25.	<u>796</u>
26.	<u>799</u>
27.	<u>798</u>
28.	<u>798</u>
29.	<u>796</u>
30.	<u>798</u>
31.	<u>N/A</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 APRIL 2000

The Plant began the month of April at approximately 99.9% power. The plant was at 99.9% power on April 4 when a breaker rack out problem resulted in a plant trip @0627. The plant returned to power on April 7 at 1455 hrs. Power was again increased to 99.9% by April 10. The plant ended the month at 99.9% power.

OPERATING DATA REPORT

DOCKET NO: 50-255

DATE: 5-4-00

COMPLETED BY: SFPierce

TELEPHONE (616) 764-2239

OPERATING STATUS:

NOTES:

1. UNIT NAME Palisades
2. REPORTING PERIOD: 000401-000430
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	719.0	2903.0	248654.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	655.0	2274.1	152584.6
13. REACTOR RESERVE SHUTDOWN HOURS	-----	-----	-----
14. HOURS GENERATOR ON-LINE	638.6	2242.8	147239.9
15. UNIT RESERVE SHUTDOWN HOURS	-----	-----	-----
16. GROSS THERMAL ENERGY GENERATED (MWH)	1575700	5170611	330135802
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	515665	1667208	104904730
18. NET ELECTRICAL ENERGY GENERATED (MWH)	490509	1581616	99171777
19. UNIT SERVICE FACTOR	88.8%	77.3%	59.2%
20. UNIT AVAILABILITY FACTOR	88.8%	77.3%	59.2%
21. UNIT CAPACITY FACTOR (USING MDC NET)	93.5%	74.6%	57.8% *
22. UNIT CAPACITY FACTOR (USING DER NET)	84.7%	67.7%	49.5%
23. UNIT FORCED OUTAGE RATE	11.2%	22.7%	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)

REPORT MONTH APRIL 2000

DOCKET NO 50-255

UNIT Palisades

DATE 05/04/00

COMPLETED BY SFPierce

TELEPHONE 616-764-2239

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
1	4/4/2000	F	80.4	G	2				Operator error during breaker rack out resulted in electrical transient, loss of Main feed pumps. Reactor manually tripped.

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)			

PALISADES RECORD INDEXING FORM

PALISADES RECORD INDEXING FORM

Consumers Energy

Submitted By: SF PIERCE **Location:** Palisades **Date Completed:** 5/3/00

Please Refer to Admin Procedure 10.46 Plant Records Matrix and Uniform File Index

UFI System: _____

UFI Equipment Class: _____

Equipment Number(s): _____

Retention: All microfilmed records are retained for Lifetime as defined in AP 10.46, "Plant Records."

Check Appropriate Record Classification:

 Safeguards Information 10CFR2.79(d) Information Confidential X Other

Personal File No: _____ **Document Name:** MONOPEREP

Sequence Number: CYCLE 15

Reference: SFP 00*10 **Dept:** REAENG

Free Text: LICENSEE REPORT OF MONTHLY OPERATING DATA FOR APRIL 2000

Date(s): 0000 0004

Addressee: NRC **From Name:** HAWN

Organization: _____ **From Organization:** _____