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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1991 for DC Cook Unit 1.W/  
 (910403) ltr.

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Indiana Michigan  
Power Company  
Cook Nuclear Plant  
One Cook Place  
Bridgman, MI 49106  
616 465 5901



April 3, 1991

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
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Gentlemen:

Pursuant to the requirements of Donald C. Cook Nuclear Plant  
Unit 1 Technical Specification 6.9.1.10, the attached Monthly  
Operating Report for the month of March 1991 is submitted.

Respectfully,

*A. Alan Blind*  
A.A. Blind  
Plant Manager

Attachment

c: NRC Region III  
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S.L. Hall  
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INPO Records Center  
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# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315

DATE 01-Apr-91

COMPLETED BY WT GILLETT

TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
2. Reporting Period MAR.91
3. Licensed Thermal Power (MWt) 3250
4. Name Plate Rating (Gross MWe) 1152
5. Design Electrical Rating (Net MWe) 1030
6. Maximum Dependable Capacity (GROSS MWe) 1056
7. Maximum Dependable Capacity (Net MWe) 1020
8. If Changes Occur in Capacity Ratings (Items no. 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 Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	744.0	2160.0	142416.0
12. No. of Hrs. Reactor Was Critical	744.0	1634.4	105021.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	1534.8	103163.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2404498	4719399	300149047
17. Gross Elect. Energy Gen. (MWH)	784830	1526800	97658030
18. Net Elect. Energy Gen. (MWH)	757536	1470894	93904367
19. Unit Service Factor	100.0	71.1	73.5
20. Unit Availability Factor	100.0	71.1	73.5
21. Unit Capacity Factor (MDC Net)	99.8	66.8	65.6
22. Unit Capacity Factor (DER Net)	98.9	66.1	63.7
23. Unit Forced Outage Rate	0.0	0.0	7.0
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):			

25. If Shut Down 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

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-315  
UNIT ONE  
DATE 01-Apr-91  
COMPLETED BY WT GILLETT  
TELEPHONE 616-465-5901

MONTH MAR.91

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1011	17	1016
2	994	18	1022
3	1019	19	1019
4	1019	20	1021
5	1018	21	1019
6	1020	22	1016
7	1022	23	1022
8	1017	24	1014
9	1020	25	1021
10	1024	26	1021
11	1018	27	1023
12	1012	28	1022
13	1013	29	1021
14	1020	30	1024
15	1017	31	1022
16	1015		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: March 1991

DOCKET NO: 50-315  
UNIT NAME: D.C. COOK UNIT 1  
DATE: April 3, 1991  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901

NO.	DATE	TYPE <sup>1</sup>	DURATION HOURS	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT NO.	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
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None

There were no unit shutdowns or significant power reductions from the maximum power level of 100% during the month.

1

F: Forced  
S: Scheduled

2

Reason:

A: Equipment Failure (Explain)  
B: Maintenance or Test  
C: Refueling  
D: Regulatory Restriction  
E: Operator Training and  
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)

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Exhibit I: Same Source

DOCKET N 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901  
DATE: April 3, 1991  
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - March 1991

HIGHLIGHTS

The unit entered the reporting period at 100% RTP and exited the reporting period at 100% Rated Thermal Power, with no significant load changes.

Gross electrical generation for the month of March was 784830 MWH.

DETAILS

There were no significant operational events during the month of March.

DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901  
DATE: April 3, 1991  
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - March 1991

There were no major safety-related maintenance items during the month of March.