

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

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 AUTH. NAME AUTHOR AFFILIATION  
 JANISSE, J.D. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 BUBLICK, D.L. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1994 for DC Cook Nuclear  
 Plant Unit 1.W/940606 ltr.

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



June 6, 1994

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

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 May 1994 is submitted.

Respectfully,

A handwritten signature in dark ink, appearing to read 'A.A. Blind'.

A.A. Blind  
Plant Manager

Attachment

c: NRC Region III  
D.R. Hahn  
R.C. Callen  
S. Hamming  
J.G. Keppler  
INPO Records Center  
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D.G. Turner  
E.A. Smarrella  
J.C. Krieger  
D.F. Krause  
M.E. Russo

Handwritten initials, possibly 'JES' or 'JES4', followed by a vertical line.

# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315  
DATE 02/Jun/94  
COMPLETED BY JD Janisse  
TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 1  
2. Reporting Period May 1994  
3. Licensed Thermal Power (MWt) 3250  
4. Name Plate Rating (Gross MWe) 1152  
5. Design Electrical Rating (Net MWe) 1020  
6. Maximum Dependable Capacity (GROSS MWe) 1056  
7. Maximum Dependable Capacity (Net MWe) 1000  
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	3624.0	170184.0
12. No. of Hrs. Reactor Was Critical	107.4	1120.5	126774.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	70.1	1083.1	124691.7
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	78086	2304494	365830270
17. Gross Elect. Energy Gen. (MWH)	19680	719740	118742400
18. Net Elect. Energy Gen. (MWH)	17382	683760	114205558
19. Unit Service Factor	9.4	29.9	74.2
20. Unit Availability Factor	9.4	29.9	74.2
21. Unit Capacity Factor (MDC Net)	2.3	18.9	66.8
22. Unit Capacity Factor (DER Net)	2.3	18.5	65.1
23. Unit Forced Outage Rate	0.0	0.0	6.0
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):	None		

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  
02/Jun/94  
JD Janisse  
TELEPHONE 616-465-5901

May 1994

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
94/05/01	0	94/05/17	0
94/05/02	0	94/05/18	0
94/05/03	0	94/05/19	0
94/05/04	0	94/05/20	0
94/05/05	0	94/05/21	0
94/05/06	0	94/05/22	0
94/05/07	0	94/05/23	0
94/05/08	0	94/05/24	0
94/05/09	0	94/05/25	0
94/05/10	0	94/05/26	0
94/05/11	0	94/05/27	0
94/05/12	0	94/05/28	0
94/05/13	0	94/05/29	200
94/05/14	0	94/05/30	169
94/05/15	0	94/05/31	356
94/05/16	0		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MAY 1994

UNIT NAME: D. C. COOK UNIT 1  
DATE: June 5, 1994  
COMPLETED BY: D. L. Bublick  
TELEPHONE: (616) 465-5901  
Page 1 of 1

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
308	940212	S	672.4	B/C	1	N/A	N/A	N/A	The unit was removed from service on 940212 at 0457 hours EDT for the cycle 13 to 14 refueling/maintenance outage. All refueling and maintenance activities have been completed and the turbine generator was paralleled to the grid on 940529 at 0026 hours. Total length of the outage was 2,539.5 hours.
309	940530	S	1.7	B	1	N/A	N/A	N/A	The turbine generator was removed from parallel to perform turbine overspeed testing. The testing was successfully completed and the unit was reparalleled to the grid at 1557 on 940530.

1	2	3	4	5
F: Forced S: Scheduled	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)	Method: 1: Manual 2: Manual Scram 3: Automatic Scram 4: Other (Explain)	Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 1061)	Exhibit I: Same Source



DOCKET NO.: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: D. L. Bublick  
TELEPHONE: (616) 465-5901  
DATE: June 5, 1994  
PAGE: Page 1 of 2

MONTHLY OPERATING ACTIVITIES - MAY 1994

HIGHLIGHTS

The unit entered the reporting period in Mode 5 at 0% RTP. The reactor was taken critical on May 27, 1994 at 1237 for the first time in cycle 14. The first entry into Mode 1 was on May 28, 1994 at 2137.

The turbine generator was paralleled to the grid on May 29, 1994 at 0026. Reactor power was decreased to 8% RTP on May 30, 1994 for turbine overspeed testing.

The turbine generator was paralleled to the grid on May 30, 1994 at 1557. Power escalation to 48% RTP was begun on May 30, 1994 at 1605

The unit exited this reporting period in Mode 1 at 48% RTP.

There were no challenges to the pressurizer safety valves or power operated relief valves.

Gross Electrical generation for the month of May was 19680 MWH.

DETAILS

05-02-94	0611	Entered Mode 4.
05-05-94	1528	Entered Mode 3.
05-13-94	0452	Started RCS Cooldown at $\approx 25^{\circ}\text{F}/\text{Hour}$ . Going to Mode 5 for Conoseal Repairs.
	1527	Entered Mode 4.
05-14-94	0435	Entered Mode 5.
05-25-94	0352	Entered Mode 4.
	1556	Entered Mode 3.
05-27-94	1120	Entered Mode 2.
	1237	Reactor reached criticality.



DOCKET NO.: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: D. L. Bublick  
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PAGE: Page 2 of 2

MONTHLY OPERATING ACTIVITIES - MAY 1994

DETAILS (con't)

05-28-94	2024	Commenced reactor power increase for turbine roll.
	2137	Entered Mode 1.
	2205	Reactor power at 7% RTP.
05-29-94	0026	Unit paralleled to the grid.
	0033	Increased reactor power to 30% RTP.
	0519	Reactor power at 30% RTP.
05-30-94	1042	Commenced reactor power reduction for Turbine Overspeed Testing.
	1401	Main turbine overspeed testing underway.
	1413	Main turbine tripped.
	1416	Reset main turbine.
	1557	Paralleled main generator.
	1605	Started power escalation to 48% RTP.
	1748	Stopped reactor power increase at 28.5% for Chemistry hold.
	2218	Continued with reactor power increase to 48% RTP.
05-31-94	1500	Reactor power stabalized at 48% RTP.