

Indiana Michigan
Power Company
500 Circle Drive
Buchanan, MI 49107 1373



January 11, 2002

C0102-01

Docket Nos. 50-315
50-316

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Units 1 and 2
MONTHLY OPERATING REPORT

Pursuant to the requirements of Donald C. Cook Nuclear Plant Unit 1 and Unit 2 Technical Specification 6.9.1.8, the attached Monthly Operating Report for December 2001 is submitted.

Sincerely,

A handwritten signature in cursive script, appearing to read 'S K Greenlee', is positioned above the printed name.

Scot A. Greenlee
Director, Nuclear Technical Services

/jen

Attachments

1624

c: ANI Nuclear Engineering Department
G. P. Arent
A. C. Bakken, III
L. Brandon - Department of Health
G. T. Gaffney – Canton
S. A. Greenlee
S. Hamming – Department of Labor
RAF Harris
INPO Records Center
B. Lewis – McGraw-Hill Companies
D. H. Malin
B. A. McIntyre
NRC Project Manager – NRR
NRC Region III
NRC Resident Inspector
D. W. Paul – Columbus
J. E. Pollock
R. P. Powers
M. W. Rencheck
W. H. Schalk

NRC OPERATING DATA REPORT

DOCKET NO. 50 - 315
 DATE January 8, 2002
 COMPLETED BY RAF Harris
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
 2. Reporting Period Dec - 2001
 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

Note for (Unit 1): A 9 GWhr adjustment was made for unit 1 due to a gross generation metering circuit problem (adjustment added to gross and net generation YTD and Cumulative totals only).

8. If Changes Occur in Capacity Ratings (Items no. 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 Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	744.0	8760.0	236688.0
12. No. of Hrs. Reactor Was Critical	744.0	7905.0	159521.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	7842.0	156905.4
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	2416120.2	24853101.0	465505307.0
17. Gross Electrical Energy Gen. (MWH)	785720.0	8080720.0	151232820.0
18. Net Electrical Energy Gen. (MWH)	760402.0	7806851.0	145534294.0
19. Unit Service Factor	100.0	89.5	66.8
20. Unit Availability Factor	100.0	89.5	66.8
21. Unit Capacity Factor (MDC Net)	102.2	89.1	61.1
22. Unit Capacity Factor (DER Net)	100.2	87.3	59.6
23. Unit Forced Outage Rate	0.0	6.8	19.9

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):

Refueling outage 18 is scheduled to begin during the second quarter of 2002. The proposed length of the outage is 30 days.

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		

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	January 8, 2002
COMPLETED BY	RAF Harris
TELEPHONE	616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

December 2001

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
12/1/2001	1035	12/17/2001	1023
12/2/2001	1004	12/18/2001	1025
12/3/2001	1014	12/19/2001	1020
12/4/2001	1015	12/20/2001	1027
12/5/2001	1019	12/21/2001	1024
12/6/2001	1015	12/22/2001	1028
12/7/2001	1023	12/23/2001	1032
12/8/2001	1005	12/24/2001	1025
12/9/2001	1019	12/25/2001	1029
12/10/2001	1014	12/26/2001	1033
12/11/2001	1014	12/27/2001	1029
12/12/2001	1014	12/28/2001	1030
12/13/2001	1014	12/29/2001	1028
12/14/2001	1021	12/30/2001	1028
12/15/2001	1018	12/31/2001	1030
12/16/2001	1028		

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	January 8, 2002
COMPLETED BY	IN Jackiw
TELEPHONE	616-465-5901
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – December 2001

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

1 TYPE:
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 SYSTEM:
Exhibit G - Instructions
for preparation of data
entry sheets for Licensee
Event Report (LER) File
(NUREG 0161)

5 COMPONENT:
Exhibit I: Same Source

NRC OPERATING DATA REPORT

DOCKET NO. 50 - 316
 DATE January 9, 2002
 COMPLETED BY RAF Harris
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
 2. Reporting Period Dec - 2001
 3. Licensed Thermal Power (MWt) 3411
 4. Name Plate Rating (Gross MWe) 1133
 5. Design Electrical Rating (Net MWe) 1090
 6. Maximum Dependable Capacity (GROSS MWe) 1100
 7. Maximum Dependable Capacity (Net MWe) 1060
 8. If Changes Occur in Capacity Ratings (Items no. 3 through 7) Since Last Report Give Reasons: _____

Note for Unit 2: A 54 GWhr adjustment was made for Unit 2 due to a gross generation metering circuit problem (adjustment added to gross and net generation YTD and Cumulative totals only).

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	8760.0	210834.0
12. No. of Hrs. Reactor Was Critical	744.0	7720.5	134105.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	7691.5	130401.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	2525782.7	25536738.0	406827349.3
17. Gross Electrical Energy Gen. (MWH)	800420.0	8291010.0	131826510.0
18. Net Electrical Energy Gen. (MWH)	774150.0	8017425.9	127065053.9
19. Unit Service Factor	100.0	87.8	62.5
20. Unit Availability Factor	100.0	87.8	62.5
21. Unit Capacity Factor (MDC Net)	98.2	86.3	57.4
22. Unit Capacity Factor (DER Net)	95.5	83.4	55.9
23. Unit Forced Outage Rate	0.0	12.2	24.6

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):

Refueling outage 13 is scheduled to begin during the first quarter of 2002. The proposed length of the outage is 30 days.

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		

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit 2
DATE	January 9, 2002
COMPLETED BY	RAF Harris
TELEPHONE	616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

December 2001

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
12/1/2001	1053	12/17/2001	1051
12/2/2001	1063	12/18/2001	1037
12/3/2001	1047	12/19/2001	998
12/4/2001	1053	12/20/2001	1031
12/5/2001	1057	12/21/2001	1026
12/6/2001	1052	12/22/2001	1024
12/7/2001	1052	12/23/2001	1017
12/8/2001	1051	12/24/2001	1039
12/9/2001	1052	12/25/2001	1051
12/10/2001	1048	12/26/2001	1052
12/11/2001	1046	12/27/2001	1046
12/12/2001	1053	12/28/2001	1024
12/13/2001	1038	12/29/2001	1021
12/14/2001	1016	12/30/2001	1024
12/15/2001	1040	12/31/2001	1051
12/16/2001	1046		

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