

American Electric Power
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
6164655901



June 13, 2001

C0601-01

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 May
2001 is submitted.

Sincerely,

A handwritten signature in black ink that reads "Scot A. Greenlee". The signature is fluid and cursive, with the first name "Scot" and last name "Greenlee" clearly legible.

Scot A. Greenlee
Director, Design Engineering and Regulatory Affairs

/dmb

Attachments

JE24

c: ANI Nuclear Engineering Department
A. C. Bakken, III
L. Brandon - Department of Health
G. T. Gaffney – Canton
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	June 5, 2001
COMPLETED BY	J. W. Minor
TELEPHONE	616-465-5901

OPERATING STATUS

1. Unit Name	D. C. Cook Unit 1
2. Reporting Period	May- 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

Notes:

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 Month	Year-to-Date	Cumulative
11. Hours in Reporting Period	744.0	3623.0	231551.0
12. No. of Hrs. Reactor Was Critical	744.0	3543.6	155159.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	3533.0	152596.4
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	2415137.4	11211197.4	451863403.4
17. Gross Electrical Energy Gen. (MWH)	790020.0	3678460.0	146830560.0
18. Net Electrical Energy Gen. (MWH)	763918.0	3553795.0	141281238.0
19. Unit Service Factor	100.0	97.5	66.4
20. Unit Availability Factor	100.0	97.5	66.4
21. Unit Capacity Factor (MDC Net)	102.7	98.1	60.7
22. Unit Capacity Factor (DER Net)	100.7	96.2	59.1
23. Unit Forced Outage Rate	0.0	2.5	20.2

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		

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	June 5, 2001
COMPLETED BY	J. W. Minor
TELEPHONE	616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

May 2001

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
5/1/2001	1028	5/17/2001	1025
5/2/2001	1030	5/18/2001	1033
5/3/2001	1029	5/19/2001	1028
5/4/2001	1025	5/20/2001	1024
5/5/2001	1015	5/21/2001	1034
5/6/2001	1014	5/22/2001	1034
5/7/2001	1029	5/23/2001	1034
5/8/2001	1031	5/24/2001	1032
5/9/2001	1024	5/25/2001	1026
5/10/2001	1022	5/26/2001	1019
5/11/2001	1017	5/27/2001	1023
5/12/2001	1020	5/28/2001	1030
5/13/2001	1025	5/29/2001	1032
5/14/2001	1014	5/30/2001	1035
5/15/2001	1040	5/31/2001	1031
5/16/2001	1027		

DOCKET NO. 50 - 315
 UNIT NAME D.C. Cook Unit 1
 DATE June 10, 2001
 COMPLETED BY JL Mathis
 TELEPHONE 616-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – May 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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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 June 5, 2001
 COMPLETED BY J. W. Minor
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
 2. Reporting Period May - 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: _____

Notes:

9. Power Level to Which Restricted, If Any (Net MWe): _____

10. Reasons For Restrictions, If Any: _____

	This Month	Year-to-Date	Cumulative
11. Hours in Reporting Period	744.0	3623.0	205697.0
12. No. of Hrs. Reactor Was Critical	744.0	3538.5	129923.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	3525.0	126235.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	2535434.5	11746599.9	393037211.2
17. Gross Electrical Energy Gen. (MWH)	823840.0	3854710.0	127390210.0
18. Net Electrical Energy Gen. (MWH)	797081.0	3729820.0	122777448.0
19. Unit Service Factor	100.0	97.3	62.0
20. Unit Availability Factor	100.0	97.3	62.0
21. Unit Capacity Factor (MDC Net)	101.1	97.1	56.8
22. Unit Capacity Factor (DER Net)	98.3	94.4	55.4
23. Unit Forced Outage Rate	0.0	2.7	24.8

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration): _____
 Refueling outage 13, proposed shutdown starts on November 2, 2001, 36 days proposed length of shutdown.

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	June 5, 2001
COMPLETED BY	J. W. Minor
TELEPHONE	616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

April 2001

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
5/1/2001	1076	5/16/2001	1072
5/2/2001	1072	5/17/2001	1066
5/3/2001	1071	5/18/2001	1069
5/4/2001	1067	5/19/2001	1091
5/5/2001	1067	5/20/2001	1061
5/6/2001	1075	5/21/2001	1079
5/7/2001	1074	5/22/2001	1064
5/8/2001	1077	5/23/2001	1079
5/9/2001	1083	5/24/2001	1056
5/10/2001	1066	5/25/2001	1062
5/11/2001	1070	5/26/2001	1070
5/12/2001	1083	5/27/2001	1071
5/13/2001	1070	5/28/2001	1079
5/14/2001	1062	5/29/2001	1069
5/15/2001	1075	5/30/2001	1066
		5/31/2001	1071

DOCKET NO. 50 - 316
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UNIT SHUTDOWNS AND POWER REDUCTIONS – May 2001

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