



May 11, 2001

C0501-01

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 April
2001 is submitted.

Sincerely,

Scot A. Greenlee
Director, Design Engineering and Regulatory Affairs

/dmb

Attachments

IE24

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	May 10, 2001
COMPLETED BY	J. W. Minor
TELEPHONE	616-465-5901

OPERATING STATUS

1. Unit Name	D. C. Cook Unit 1
2. Reporting Period	Apr - 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	719.0	2879.0	230807.0
12. No. of Hrs. Reactor Was Critical	719.0	2799.6	154415.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	719.0	2789.0	151852.4
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	2333955.0	8796060.0	449448266.0
17. Gross Electrical Energy Gen. (MWH)	768170.0	2888440.0	146040540.0
18. Net Electrical Energy Gen. (MWH)	742819.0	2789877.0	140517320.0
19. Unit Service Factor	100.0	96.9	66.3
20. Unit Availability Factor	100.0	96.9	66.3
21. Unit Capacity Factor (MDC Net)	103.3	96.9	60.5
22. Unit Capacity Factor (DER Net)	101.3	95.0	59.0
23. Unit Forced Outage Rate	0.0	3.1	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	May 10, 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
4/1/2001	1005	4/17/2001	1037
4/2/2001	1027	4/18/2001	1038
4/3/2001	1033	4/19/2001	1035
4/4/2001	1029	4/20/2001	1039
4/5/2001	1033	4/21/2001	1031
4/6/2001	1035	4/22/2001	1014
4/7/2001	1037	4/23/2001	1032
4/8/2001	1040	4/24/2001	1037
4/9/2001	1029	4/25/2001	1026
4/10/2001	1039	4/26/2001	1032
4/11/2001	1039	4/27/2001	1034
4/12/2001	1040	4/28/2001	1005
4/13/2001	1041	4/29/2001	1030
4/14/2001	1028	4/30/2001	1031
4/15/2001	1039		
4/16/2001	1034		

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit 2
DATE	May 11, 2001
COMPLETED BY	JL Mathis
TELEPHONE	616-465-5901
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – APRIL 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
PR-01	04/01/01	S	0	H	4	n/a	n/a	n/a	Power reduction for feed pump turbine condenser water box cleaning

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

UNIT SHUTDOWNS AND POWER REDUCTIONS – April 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 May 10, 2001
 COMPLETED BY J. W. Minor
 TELEPHONE 616-465-5901

OPERATING STATUS

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

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	719.0	2879.0	204953.0
12. No. of Hrs. Reactor Was Critical	719.0	2794.5	129179.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	719.0	2781.0	125491.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	2360278.3	9211165.4	390501776.7
17. Gross Electrical Energy Gen. (MWH)	773080.0	3030870.0	126566370.0
18. Net Electrical Energy Gen. (MWH)	747286.0	2932739.0	121980367.0
19. Unit Service Factor	100.0	96.6	61.9
20. Unit Availability Factor	100.0	96.6	61.9
21. Unit Capacity Factor (MDC Net)	98.1	96.1	56.7
22. Unit Capacity Factor (DER Net)	95.4	93.5	55.2
23. Unit Forced Outage Rate	0.0	3.4	24.9

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 - 316
UNIT NAME	D.C. Cook Unit 2
DATE	May 10, 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
4/1/2001	565	4/16/2001	1085
4/2/2001	535	4/17/2001	1086
4/3/2001	800	4/18/2001	1085
4/4/2001	1075	4/19/2001	1087
4/5/2001	1096	4/20/2001	1083
4/6/2001	1049	4/21/2001	1088
4/7/2001	1087	4/22/2001	1082
4/8/2001	1087	4/23/2001	1084
4/9/2001	1111	4/24/2001	1080
4/10/2001	1075	4/25/2001	1073
4/11/2001	1082	4/26/2001	1078
4/12/2001	1092	4/27/2001	1077
4/13/2001	1086	4/28/2001	1069
4/14/2001	1081	4/29/2001	1074
4/15/2001	1091	4/30/2001	1072