



December 15, 2000

C1200-04

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  
November 2000 is submitted.

Sincerely,

A handwritten signature in black ink, appearing to read "W. J. Kropp". The signature is fluid and cursive, written over the printed name and title.

W. J. Kropp  
Director of Regulatory Affairs

/jen

Attachments

IE24

c: ANI Nuclear Engineering Department  
A. C. Bakken, III  
G. T. Gaffney – Canton  
D. R. Hahn – Department of Health  
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 – Lancaster  
J. E. Pollock  
R. P. Powers  
M. W. Rencheck  
W. H. Schalk

# NRC OPERATING DATA REPORT

DOCKET NO.	50 - 315
DATE	December 5, 2000
COMPLETED BY	J. W. Minor
TELEPHONE	616-465-5901

## OPERATING STATUS

1. Unit Name	D. C. Cook Unit 1
2. Reporting Period	Nov -2000
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	720.0	8040.0	227184.0
12. No. of Hrs. Reactor Was Critical	0.0	0.0	151285.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	0.0	0.0	148821.1
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	0.0	0.0	440194814.0
17. Gross Electrical Energy Gen. (MWH)	0.0	0.0	143013940.0
18. Net Electrical Energy Gen. (MWH)	0.0	0.0	137597640.0
19. Unit Service Factor	0.0	0.0	66.0
20. Unit Availability Factor	0.0	0.0	66.0
21. Unit Capacity Factor (MDC Net)	0.0	0.0	60.2
22. Unit Capacity Factor (DER Net)	0.0	0.0	58.7
23. Unit Forced Outage Rate	100.0	100.0	20.3

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: \_\_\_\_\_  
First Quarter 2001

26. Units in Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast

Achieved

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	December 5, 2000
COMPLETED BY	J. W. Minor
TELEPHONE	616-465-5901

**AVERAGE DAILY POWER LEVEL (MWe-Net)**

**November 2000**

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
11/1/2000	0	11/16/2000	0
11/2/2000	0	11/17/2000	0
11/3/2000	0	11/18/2000	0
11/4/2000	0	11/19/2000	0
11/5/2000	0	11/20/2000	0
11/6/2000	0	11/21/2000	0
11/7/2000	0	11/22/2000	0
11/8/2000	0	11/23/2000	0
11/9/2000	0	11/24/2000	0
11/10/2000	0	11/25/2000	0
11/11/2000	0	11/26/2000	0
11/12/2000	0	11/27/2000	0
11/13/2000	0	11/28/2000	0
11/14/2000	0	11/29/2000	0
11/15/2000	0	11/30/2000	0

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	December 13, 2000
COMPLETED BY	BW O'Rourke
TELEPHONE	616-465-5901
PAGE	1 of 1

### UNIT SHUTDOWNS AND POWER REDUCTIONS – November 2000

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
333	090897	F	720.0	F	2	97-010 97-011 97-012 97-013 97-014 97-016	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	The unit remained shutdown to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection.

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	December 5, 2000
COMPLETED BY	J. W. Minor
TELEPHONE	616-465-5901

## OPERATING STATUS

- |   |                   |        |
|---|-------------------|--------|
| 1. Unit Name  | D. C. Cook Unit 2 | Notes: |
| 2. Reporting Period   | Nov - 2000        |        |
| 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: _____ |                   |        |
| 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	720.0	8040.0	201330.0
12. No. of Hrs. Reactor Was Critical	720.0	3869.5	125640.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	720.0	3813.0	121966.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	2447930.1	12752503.8	378760154.1
17. Gross Electrical Energy Gen. (MWH)	807600.0	4113900.0	122698540.0
18. Net Electrical Energy Gen. (MWH)	782804.0	3978352.0	118236131.0
19. Unit Service Factor	100.0	47.4	61.2
20. Unit Availability Factor	100.0	47.4	61.2
21. Unit Capacity Factor (MDC Net)	102.6	46.7	55.9
22. Unit Capacity Factor (DER Net)	99.7	45.4	54.5
23. Unit Forced Outage Rate	0	52.6	25.4

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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast

Achieved

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit 2
DATE	December 5, 2000
COMPLETED BY	J. W. Minor
TELEPHONE	616-465-5901

# **AVERAGE DAILY POWER LEVEL (MWe-Net)**

**November 2000**

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
11/1/2000	1076	11/16/2000	1095
11/2/2000	1078	11/17/2000	1086
11/3/2000	1084	11/18/2000	1058
11/4/2000	1060	11/19/2000	1096
11/5/2000	1081	11/20/2000	1092
11/6/2000	1083	11/21/2000	1100
11/7/2000	1077	11/22/2000	1092
11/8/2000	1081	11/23/2000	1094
11/9/2000	1078	11/24/2000	1097
11/10/2000	1090	11/25/2000	1106
11/11/2000	1083	11/26/2000	1095
11/12/2000	1091	11/27/2000	1097
11/13/2000	1092	11/28/2000	1093
11/14/2000	1087	11/29/2000	1112
11/15/2000	1090	11/30/2000	1074

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit 2
DATE	December 13, 2000
COMPLETED BY	BW O'Rourke
TELEPHONE	616-465-5901
PAGE	1 of 1

### UNIT SHUTDOWNS AND POWER REDUCTIONS – November 2000

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
-----	------	-------------------	-------------------	---------------------	---	---------------------------------	-----------------------------	--------------------------------	--

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