

April 15, 2001

C0401-01

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 March 2001 is submitted.

Sincerely,

Scot A. Greenlee

Director, Design Engineering and Regulatory Affairs

/dmb

Attachments

IFAH

U. S. Nuclear Regulatory Commission Page 2

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. DATE COMPLETED BY TELEPHONE

50 - 315 April 10, 2001 J. W. Minor 616-465-5901

Unit Name Reporting Period Licensed Thermal Power (MWt)	D. C. Cook Unit 1					
Reporting Period Licensed Thermal Power (MWt)						
2 Licensed Thermal Power (MWt)						
	3250 1152					
Name Plate Rating (Gross MWe)						
5. Design Electrical Rating (Net MWe)	1020					
6. Maximum Dependable Capacity (GROS						
7. Maximum Dependable Capacity (Net MV	Ve) 1000					
If Changes Occur in Capacity Ratings (It	ems no. 3 through 7) S	ince Last Report Give Rea	asons:			
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	2160.0	230088.0			
12. No. of Hrs. Reactor Was Critical	744.0	2080.6	153696.9			
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0			
	744.0	2070.0	151133.4			
14 Hours Generator on Line						
	0.0	0.0	321.0			
15. Unit Reserve Shutdown Hours	0.0 2296491.6	0.0 6462105.0				
15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Gen. (MWH)			447114311.0			
15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Gen. (MWH) 17. Gross Electrical Energy Gen. (MWH)	2296491.6	6462105.0	447114311.0 145272370.0			
15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Gen. (MWH) 17. Gross Electrical Energy Gen. (MWH) 18. Net Electrical Energy Gen. (MWH)	2296491.6 754150.0	6462105.0 2120270.0	447114311.0 145272370.0 139774501.0			
15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Gen. (MWH) 17. Gross Electrical Energy Gen. (MWH) 18. Net Electrical Energy Gen. (MWH) 19. Unit Service Factor	2296491.6 754150.0 728036.0	6462105.0 2120270.0 2047058.0	447114311.0 145272370.0 139774501.0 66.2			
15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Gen. (MWH) 17. Gross Electrical Energy Gen. (MWH) 18. Net Electrical Energy Gen. (MWH) 19. Unit Service Factor 20. Unit Availability Factor	2296491.6 754150.0 728036.0 100.0	6462105.0 2120270.0 2047058.0 95.8	447114311.0 145272370.0 139774501.0 66.2 66.2			
15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Gen. (MWH) 17. Gross Electrical Energy Gen. (MWH) 18. Net Electrical Energy Gen. (MWH) 19. Unit Service Factor 20. Unit Availability Factor 21. Unit Capacity Factor (MDC Net)	2296491.6 754150.0 728036.0 100.0 100.0	6462105.0 2120270.0 2047058.0 95.8 95.8	145272370.0 139774501.0 66.2 66.4			
14. Hours Generator on Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Gen. (MWH) 17. Gross Electrical Energy Gen. (MWH) 18. Net Electrical Energy Gen. (MWH) 19. Unit Service Factor 20. Unit Availability Factor 21. Unit Capacity Factor (MDC Net) 22. Unit Capacity Factor (DER Net) 23. Unit Forced Outage Rate	2296491.6 754150.0 728036.0 100.0 100.0 97.9	6462105.0 2120270.0 2047058.0 95.8 95.8 94.8	321.0 447114311.0 145272370.0 139774501.0 66.2 66.2 60.4 58.9 20.3			

Forecast

Achieved

INITIAL CRITICALITY INITIAL ELECTRICITY COMMERCIAL OPERATION

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

DOCKET NO.
UNIT NAME
DATE
COMPLETED BY

TELEPHONE

50 - 315 D.C. Cook Unit 1 April 10, 2001 J. W. Minor 616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

March 2001

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
3/1/2001	1034	3/17/2001	1040
3/2/2001	1025	3/18/2001	1028
3/3/2001	1026	3/19/2001	1031
3/4/2001	1014	3/20/2001	1036
3/5/2001	300	3/21/2001	1026
3/6/2001	789	3/22/2001	1031
3/7/2001	1024	3/23/2001	1033
3/8/2001	1030	3/24/2001	1038
3/9/2001	1034	3/25/2001	1031
3/10/2001	1037	3/26/2001	1031
3/11/2001	1016	3/27/2001	1035
3/12/2001	1031	3/28/2001	1043
3/13/2001	1052	3/29/2001	1013
3/14/2001	1018	3/30/2001	731
3/15/2001	1034	3/31/2001	702
3/16/2001	1020		

DOCKET NO.

UNIT NAME

50 - 315 D.C. Cook Unit 1

DATE

April 06, 2001 BW O'Rourke

COMPLETED BY TELEPHONE

616-465-5901

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UNIT SHUTDOWNS AND POWER REDUCTIONS – March 2001

NO.	DATE	TYPE¹	DURATION HOURS	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT NO.	SYSTEM CODE⁴	COMPONENT CODE ⁵	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
	03/04/01	F	0	н	4	n/a	n/a	n/a	Power reduction to repair a weld leak on 1-HLS-10 Main Turbine 2 nd stage extraction drip pot.
	03/30/01	F	0	н	4	n/a	n/a	n/a	Power reduction to clean debris from the East Main Feed Pump condenser water box.

1_	<u> </u>
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.
DATE
COMPLETED BY
TELEPHONE

50 - 316 April 10, 2001 J. W. Minor 616-465-5901

OPERATING STATUS Notes: 1. Unit Name D. C. Cook Unit 2 2. Reporting Period Mar - 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: 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	2160.0	204234.0
12. No. of Hrs. Reactor Was Critical	744.0	2075.5	128460.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	2062.0	124772.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	2523449.6	6850887.1	388141498.4
17. Gross Electrical Energy Gen. (MWH)	833730.0	2257790.0	125793290.0
18. Net Electrical Energy Gen. (MWH)	806703.0	2185453.0	121233081.0
19. Unit Service Factor	100.0	95.5	61.8
20. Unit Availability Factor	100.0	95.5	61.8
21. Unit Capacity Factor (MDC Net)	102.3	95.5	56.5
22. Unit Capacity Factor (DER Net)	99.5	92.8	55.1
23. Unit Forced Outage Rate	0.0	4.5	25.0

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

DOCKET NO.
UNIT NAME
DATE
COMPLETED BY

TELEPHONE

50 - 316 D.C. Cook Unit 2 April 10, 2001 J. W. Minor 616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

March 2001

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
3/1/2001	1089	3/17/2001	1086
3/2/2001	1090	3/18/2001	1085
3/3/2001	1086	3/19/2001	1086
3/4/2001	1090	3/20/2001	1090
3/5/2001	1091	3/21/2001	1081
3/6/2001	1096	3/22/2001	1084
3/7/2001	1078	3/23/2001	1080
3/8/2001	1081	3/24/2001	1094
3/9/2001	1088	3/25/2001	1088
3/10/2001	1085	3/26/2001	1093
3/11/2001	1086	3/27/2001	1081
3/12/2001	1050	3/28/2001	1088
3/13/2001	1050	3/29/2001	1081
3/14/2001	1094	3/30/2001	1086
3/15/2001	1084	3/31/2001	1083
3/16/2001	1087		

DOCKET NO.

NO. 50 - 316

UNIT NAME

D.C. Cook Unit 2 April 06, 2001

COMPLETED BY TELEPHONE

BW O'Rourke 616-465-5901

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UNIT SHUTDOWNS AND POWER REDUCTIONS - March 2001

NO.	DATE	TYPE1	DURATION HOURS	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT	SYSTEM	COMPONENT	CAUSE AND CORRECTIVE ACTION
NO.	DATE	ITPE	HOURS	REASON2	REACTORS	REPORT NO.	CODE4	CODE5	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 Scram4: 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