

American Electric Power  
Cook Nuclear Plant  
One Cook Place  
Bridgman, MI 49106  
616 465 5901



July 12, 2002

AEP:NRC:2691-16

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 June 2002 is submitted.

Sincerely,

A handwritten signature in black ink, appearing to read 'Scot A. Greenlee', is written over a horizontal line.

Scot A. Greenlee  
Director, Nuclear Technical Services

INJ/pae

Attachments

IE24

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  
W. H. Schalk

**N.R.C. OPERATING DATA REPORT**

DOCKET NO. 50-315

DATE 7/2/02

COMPLETED BY RAF Harris

TELEPHONE 616-465-5901

**OPERATING STATUS**

1. Unit Name D. C. Cook Unit 1

2. Reporting Period Jun-02

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.

	This Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	720.0	4343.0	241031.0
12. No. of Hrs. Reactor Was Critical	459.2	3410.3	162931.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	426.5	3366.5	160271.9
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	1156568.4	10539812.4	476045119.4
17. Gross Elect. Energy Gen. (MWH)	361430.0	3419170.0	154651990.0
18. Net Elect. Energy Gen. (MWH)	346465.0	3305357.6	148839651.5
19. Unit Service Factor	59.2	77.5	67.0
20. Unit Availability Factor	59.2	77.5	67.0
21. Unit Capacity Factor (MDC Net)	48.1	76.1	63.2
22. Unit Capacity Factor (DER Net)	47.2	74.6	62.0
23. Unit Forced Outage Rate	16.8	2.8	19.6
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):			

25. If Shut Down At End of Report Period, Est'd Date of Startup:

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

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

# AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-315  
UNIT ONE  
DATE 02-Jul-02  
COMPLETED BY RAF Harris  
TELEPHONE 616-465-5901

MONTH Jun-02

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
6/1/02	0	6/17/02	0
6/2/02	0	6/18/02	274
6/3/02	0	6/19/02	749
6/4/02	0	6/20/02	986
6/5/02	0	6/21/02	1005
6/6/02	0	6/22/02	1013
6/7/02	0	6/23/02	1008
6/8/02	0	6/24/02	1003
6/9/02	38	6/25/02	1001
6/10/02	194	6/26/02	998
6/11/02	377	6/27/02	993
6/12/02	612	6/28/02	980
6/13/02	712	6/29/02	1004
6/14/02	489	6/30/02	1000
6/15/02	0		
6/16/02	0		

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	July 2, 2002
COMPLETED BY	N Jackiw
TELEPHONE	616-465-5901
PAGE	1 of 1

### UNIT SHUTDOWNS AND POWER REDUCTIONS – June 2002

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
0204	020504	S	207.5	C	2				Scheduled Unit 1 Refueling Outage (U1C18).
0207	020614	F	86.0	A	2	2002-005	SJ	P	Unit 1 shutdown due to feedwater pump trip attributed to debris. Outage extended to perform maintenance on steam generator stop valve and control rod system.

**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

**N.R.C. OPERATING DATA REPORT**

DOCKET NO. 50-316

DATE 7/2/02

COMPLETED BY RAF Harris

TELEPHONE 616-465-5901

**OPERATING STATUS**

1. Unit Name D. C. Cook Unit 2  
2. Reporting Period Jun-02  
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.

	This Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	720.0	4343.0	215177.0
12. No. of Hrs. Reactor Was Critical	706.8	3226.9	137331.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	690.5	3124.4	133526.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2316988.6	10154336.9	416981686.2
17. Gross Elect. Energy Gen. (MWH)	745220.0	3319970.0	135146480.0
18. Net Elect. Energy Gen. (MWH)	720284.5	3211880.3	130276934.2
19. Unit Service Factor	95.9	71.9	62.7
20. Unit Availability Factor	95.9	71.9	62.7
21. Unit Capacity Factor (MDC Net)	94.4	69.8	58.3
22. Unit Capacity Factor (DER Net)	91.8	67.8	56.7
23. Unit Forced Outage Rate	4.1	7.5	24.3
24. Shutdowns Scheduled over Next Six Months (Type,Date,and Duration):			

25. If Shut Down At End of Report Period, Est'ed Date of Startup:

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

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast

Achieved

# AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316  
UNIT TWO  
DATE 2-Jul-02  
COMPLETED BY RAF Harris  
TELEPHONE 616-465-5901

MONTH Jun-02

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
6/1/02	0	6/17/02	1056
6/2/02	306	6/18/02	1061
6/3/02	1009	6/19/02	1064
6/4/02	1084	6/20/02	1060
6/5/02	1076	6/21/02	1052
6/6/02	1093	6/22/02	1051
6/7/02	1088	6/23/02	1047
6/8/02	1081	6/24/02	1055
6/9/02	1089	6/25/02	1038
6/10/02	1071	6/26/02	1038
6/11/02	1077	6/27/02	1044
6/12/02	1066	6/28/02	1047
6/13/02	1076	6/29/02	1036
6/14/02	1078	6/30/02	1042
6/15/02	1065		
6/16/02	1064		

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit 2
DATE	July 2, 2002
COMPLETED BY	IN Jackiw
TELEPHONE	616-465-5901
PAGE	1 of 1

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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
0206	020525	F	29.5	A	2		SB	ISV	Unit was shutdown due a turbine stop valve body steam leak.

**1 TYPE:**  
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S: Scheduled

**2 REASON:**  
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B: Maintenance or Test  
C: Refueling  
D: Regulatory Restriction  
E: Operator Training and  
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entry sheets for Licensee  
Event Report (LER) File  
(NUREG 0161)

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Exhibit I: Same Source