



February 14, 2001

AEP:NRC:2691-03

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 January 2002 is submitted.

Sincerely,

A handwritten signature in dark ink, appearing to read 'SK Greenlee'.

Scot A. Greenlee
Director, Nuclear Technical Services

/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
R. P. Powers
M. W. Rencheck
W. H. Schalk

NRC OPERATING DATA REPORT

DOCKET NO.	50 - 315
DATE	February 1, 2002
COMPLETED BY	RAF Harris
TELEPHONE	616-465-5901

OPERATING STATUS

1. Unit Name	D. C. Cook Unit 1
2. Reporting Period	Jan - 2002
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
8. If Changes Occur in Capacity Ratings (Items no. 3 through 7) Since Last Report Give Reasons: _____	

Note:

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

10. Reasons For Restrictions, If Any: _____

	This Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	744.0	744.0	237432.0
12. No. of Hrs. Reactor Was Critical	744.0	744.0	160265.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	744.0	157649.4
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	2371051.8	2371051.8	467876358.8
17. Gross Electrical Energy Gen. (MWH)	776190.0	776190.0	152009010.0
18. Net Electrical Energy Gen. (MWH)	751051.0	751051.0	146285345.0
19. Unit Service Factor	100.0	100.0	66.9
20. Unit Availability Factor	100.0	100.0	66.9
21. Unit Capacity Factor (MDC Net)	100.9	100.9	63.1
22. Unit Capacity Factor (DER Net)	99.0	99.0	61.9
23. Unit Forced Outage Rate	0.0	0.0	19.8

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):

Refueling outage 18 is scheduled to begin during the second quarter of 2002. The proposed length of the outage is 35 days.

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 February 12, 2002
COMPLETED BY N Jackiw
TELEPHONE 616-465-5901
PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – January 2002

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
341	020108	S		B	4				Power reduction (~ 20%) to plug condenser tubes.

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 February 1, 2002
 COMPLETED BY RAF Harris
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
 2. Reporting Period Jan - 2002
 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: _____

Note for Unit 2: A 20.1 GWhr adjustment was made for Unit 2 due to a gross generation metering circuit problem.

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

10. Reasons For Restrictions, If Any: _____

	This Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	744.0	744.0	211578.0
12. No. of Hrs. Reactor Was Critical	432.1	432.1	134537.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	432.1	432.1	130834.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	1315775.5	1315775.5	408143124.8
17. Gross Electrical Energy Gen. (MWH)	431020.0	431020.0	132257530.0
18. Net Electrical Energy Gen. (MWH)	416237.0	416237.0	127481290.9
19. Unit Service Factor	58.1	58.1	62.5
20. Unit Availability Factor	58.1	58.1	62.5
21. Unit Capacity Factor (MDC Net)	52.8	52.8	58.0
22. Unit Capacity Factor (DER Net)	51.3	51.3	56.4
23. Unit Forced Outage Rate	0.0	0.0	24.6

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):

Refueling outage 13 began on January 19, 2002. The proposed length of the outage is 45 days.

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	February 1, 2002
COMPLETED BY	IN Jackiw
TELEPHONE	616-465-5901
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS – January 2002

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
340	011219	S	311.9	C	1				Scheduled Unit 2 Refueling Outage (U2C13).

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