

# CATEGORY 1

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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316  
 AUTH.NAME      AUTHOR AFFILIATION  
 MINOR, J.W.      American Electric Power Co., Inc.  
 CENTER, J.F.      American Electric Power Co., Inc.  
 COOPER, D.E.      American Electric Power Co., Inc.  
 RECIP.NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1999 for DCCNP, Unit 2. With  
 990208 ltr.

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U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
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February 8, 1999

Gentlemen:

Pursuant to the requirements of Donald C. Cook Nuclear Plant Unit 2 Technical Specification 6.9.1.8, the attached Monthly Operating Report for the Month of January 1999 is submitted.

Sincerely,

A handwritten signature in dark ink, appearing to be 'D.F. Cooper', is written over a horizontal line.

D.F. Cooper  
Plant Manager

/jc

Attachment

C: NRC Region III  
INPO Records Center  
ANI Nuclear Engineering Department  
D.R. Hahn  
S. Hamming  
B. Lewis  
R.P. Powers  
J.R. Sampson  
B.L. Bartlett  
P.A. Barrett  
J.B. Kingseed  
D.W. Paul  
W.H. Schalk  
D.G. Turner  
R.G. Pickard  
G.T. Gaffney

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# N.R.C. OPERATING DATA REPORT

DOCKET NO.	50 - 316
DATE	February 4, 1999
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

## OPERATING STATUS

1. Unit Name	D. C. Cook Unit 2
2. Reporting Period	Jan-99
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	744.0	744.0	184824.0
12. No. of Hrs. Reactor Was Critical	0.0	0.0	121771.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	0.0	0.0	118153.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	0.0	0.0	366007650.4
17. Gross Electrical Energy Gen. (MWH)	0.0	0.0	118584640.0
18. Net Electrical Energy Gen. (MWH)	0.0	0.0	114257779.0
19. Unit Service Factor	0.0	0.0	64.7
20. Unit Availability Factor	0.0	0.0	64.7
21. Unit Capacity Factor (MDC Net)	0.0	0.0	59.0
22. Unit Capacity Factor (DER Net)	0.0	0.0	57.4
23. Unit Forced Outage Rate	100.0	100.0	19.8

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:  
To be Determined.

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  
February 4, 1999  
JW Minor  
616-465-5901

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

**January 1999**

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1/1/99	0	1/17/99	0
1/2/99	0	1/18/99	0
1/3/99	0	1/19/99	0
1/4/99	0	1/20/99	0
1/5/99	0	1/21/99	0
1/6/99	0	1/22/99	0
1/7/99	0	1/23/99	0
1/8/99	0	1/24/99	0
1/9/99	0	1/25/99	0
1/10/99	0	1/26/99	0
1/11/99	0	1/27/99	0
1/12/99	0	1/28/99	0
1/13/99	0	1/29/99	0
1/14/99	0	1/30/99	0
1/15/99	0	1/31/99	0
1/16/99	0		

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UNIT NAME  
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TELEPHONE  
PAGE

50 - 316  
D.C. Cook Unit 2  
February 4, 1999  
JF Center  
616-697-5098  
1 of 1

## MONTHLY OPERATING ACTIVITIES - January 1999

### HIGHLIGHTS

The unit entered this reporting period in Mode 5 at 0% RTP.

The unit exited this reporting period in Mode 5 at 0% RTP.

There were no challenges to the pressurizer safety valves or power operated relief valves.

Gross electrical generation for the month of January was 0 MWh.

### DETAILS

01/01/99

Unit remained shutdown the entire reporting period to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection.

DOCKET NO. 50 - 316  
UNIT NAME D.C. Cook Unit 2  
DATE February 4, 1999  
COMPLETED BY JF Center  
TELEPHONE 616-697-5098  
PAGE 1 of 1

### UNIT SHUTDOWNS AND POWER REDUCTIONS – January 1999

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
335	010798	F	744.0	F	4	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

