

# CATEGORY 1

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 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 Mar 1999 for DC Cook Nuclear  
 Plant Unit 2.With 990408 ltr.

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U.S. Nuclear Regulatory Commission  
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April 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 March 1999 is submitted.

Sincerely

  
D.E. Cooper  
Plant Manager

/jc

Attachment

C: NRC Region III  
NRC Project Manager - NRR  
NRC Resident Inspector  
INPO Records Center  
ANI Nuclear Engineering Department

R.P. Powers  
A.C. Bakken III  
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M.W. Rencheck  
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# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50 - 316  
 DATE April 7, 1999  
 COMPLETED BY JW Minor  
 TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 2  
 2. Reporting Period Mar-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	2160.0	186240.0
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	64.2
20. Unit Availability Factor	0.0	0.0	64.2
21. Unit Capacity Factor (MDC Net)	0.0	0.0	58.5
22. Unit Capacity Factor (DER Net)	0.0	0.0	57.0
23. Unit Forced Outage Rate	100.0	100.0	20.6

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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast

Achieved

DOCKET NO.  
UNIT NAME  
DATE  
COMPLETED BY  
TELEPHONE

50 - 316  
D.C. Cook Unit 2  
April 7, 1999  
JW Minor  
616-465-5901

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

**March 1999**

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

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D.C. Cook Unit 2  
April 7, 1999  
JF Center  
616-697-5098  
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## MONTHLY OPERATING ACTIVITIES - March 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 March was 0 MWh.

### DETAILS

03/01/99

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	April 7, 1999
COMPLETED BY	JF Center
TELEPHONE	616-697-5098
PAGE	1 of 1

### UNIT SHUTDOWNS AND POWER REDUCTIONS – March 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.

<b>1 TYPE:</b>	<b>2 REASON:</b>	<b>3 METHOD:</b>	<b>4 SYSTEM:</b>	<b>5 COMPONENT:</b>
F: Forced S: Scheduled	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)	1: Manual 2: Manual Scram 3: Automatic Scram 4: Other (Explain)	Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 0161)	Exhibit I: Same Source