

CATEGORY 1

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 PRATT,M.M. American Electric Power Co., Inc.
 RICHARDSON,S.A. American Electric Power Co., Inc.
 BAKKEN,A.C. American Electric Power Co., Inc.
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for July 1999 for DC Cook Nuclear Plant, Unit 1. With 990812 ltr.

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



August 12, 1999

United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Document Control Manager:

Pursuant to the requirements of Donald C. Cook Nuclear Plant Unit 1 Technical Specification 6.9.1.8, the attached Monthly Operating Report for July 1999 is submitted.

Sincerely,

A handwritten signature in cursive script that reads 'A.C. Bakken III'.

A. Christopher Bakken, III
Site Vice President

ACB/bwo

Attachment

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

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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50 - 315
 DATE August 2, 1999
 COMPLETED BY M. M. Pratt
 TELEPHONE 616-465-5901

OPERATING STATUS

- 1. Unit Name D. C. Cook Unit 1
- 2. Reporting Period July-99
- 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, If Any: _____

	This Month	Year-to-Date	Cumulative
11. Hours in Reporting Period	744.0	5832.0	216216.0
12. No. of Hrs. Reactor Was Critical	0.0	0.0	151285.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	0.0	0.0	148821.1
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	0.0	0.0	440194814.0
17. Gross Electrical Energy Gen. (MWH)	0.0	0.0	143013940.0
18. Net Electrical Energy Gen. (MWH)	0.0	0.0	137597640.0
19. Unit Service Factor	0.0	0.0	69.4
20. Unit Availability Factor	0.0	0.0	69.4
21. Unit Capacity Factor (MDC Net)	0.0	0.0	63.3
22. Unit Capacity Factor (DER Net)	0.0	0.0	61.7
23. Unit Forced Outage Rate	100.0	100.0	15.3

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: _____
 September 2000

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 - 315
D.C. Cook Unit 1
August 2, 1999
M. M. Pratt
616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

July 1999

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



DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	August 5, 1999
COMPLETED BY	S. A. Richardson
TELEPHONE	616-465-5901
PAGE	1 of 1

MONTHLY OPERATING ACTIVITIES - July 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 July was 0 MWh.

DETAILS

- 07/05/99 From 0527 to 1326 hours, placed Train A 4kV Electrical Safeguards Buses on the 69 kV offsite emergency power source to support repair activity on the 12 kV reserve power source in the station switchyard.
- 07/27/99 At 1845 hours, both Train A and Train B Emergency Diesel Generators were declared inoperable for Modes 5 and 6 due to inability to meet design basis. The combustion air intake, combustion exhaust, ventilation intake and ventilation exhaust structures were deemed inadequate in regard to tornado generated missiles.



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 UNIT NAME D.C. Cook Unit 1
 DATE August 5, 1999
 COMPLETED BY S. A. Richardson
 TELEPHONE 616-465-5901
 PAGE 1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS - July 1999

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
333	090897	F	744.0	F	2	97-010 97-011 97-012 97-013 97-014 97-016	N/A N/A N/A N/A N/A N/A	N/A N/A N/A 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