

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.
SAMPSON, J.R. American Electric Power Co., Inc.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1998 for DC Cook Nuclear
Plant, Unit 2.W/980209 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106



U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

February 9, 1998

Gentlemen,

Pursuant to the requirements of Donald C. Cook Nuclear Plant Unit 2
Technical Specification 6.9.1.10, the attached Monthly Operating Report
for the month of January 1998 is submitted.

Sincerely,

A handwritten signature in cursive script, appearing to read 'J.R. Sampson', is written over the typed name.

J.R. Sampson
Plant Manager

/jc

Attachment

c: NRC Region III
D.R. Hahn
R.C. Callen
S. Hamming
B. Lewis
INPO Records Center
ANI Nuclear Engineering Department
E.E. Fitzpatrick
A.A. Blind
P.A. Barrett
S.J. Brewer
D.W. Paul
J.A. Kobyra
D.L. Noble
W.H. Schalk
D.G. Turner
B.L. Bartlett

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9802200253 980131
PDR ADOCK 05000316
R PDR



N.R.C. OPERATING DATA REPORT

DOCKET NO.	50 - 316
DATE	February 6, 1998
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

OPERATING STATUS

1. Unit Name	D. C. Cook Unit 2
2. Reporting Period	Jan-98
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	176064.0
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	68.0
20. Unit Availability Factor	0.0	0.0	68.0
21. Unit Capacity Factor (MDC Net)	0.0	0.0	62.0
22. Unit Capacity Factor (DER Net)	0.0	0.0	60.4
23. Unit Forced Outage Rate	NA	NA	14.3

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:
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 6, 1998
JW Minor
616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

January 1998

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1/1/98	0	1/17/98	0
1/2/98	0	1/18/98	0
1/3/98	0	1/19/98	0
1/4/98	0	1/20/98	0
1/5/98	0	1/21/98	0
1/6/98	0	1/22/98	0
1/7/98	0	1/23/98	0
1/8/98	0	1/24/98	0
1/9/98	0	1/25/98	0
1/10/98	0	1/26/98	0
1/11/98	0	1/27/98	0
1/12/98	0	1/28/98	0
1/13/98	0	1/29/98	0
1/14/98	0	1/30/98	0
1/15/98	0	1/31/98	0
1/16/98	0		

DOCKET NO.
UNIT NAME
DATE
COMPLETED BY
TELEPHONE
PAGE

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D.C. Cook Unit 2
February 6, 1998
JF Center
616-697-5098
1 of 1

MONTHLY OPERATING ACTIVITIES - January 1998

HIGHLIGHTS

The unit entered this reporting period in Mode 6 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*

01/31/98	n/a	U2R97 Cycle 11 - 12 refueling outage continues.
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* All time entries are Eastern Standard Time (EST).

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit 2
DATE	February 6, 1998.
COMPLETED BY	JF Center
TELEPHONE	616-697-5098
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS - January 1998

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
334	101297	S	744.0	C	4	N/A	N/A	N/A	The unit entered the period in a scheduled refueling outage.

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

Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106



U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

February 9, 1998

Gentlemen,

Pursuant to the requirements of Donald C. Cook Nuclear Plant Unit 1
Technical Specification 6.9.1.10, the attached Monthly Operating Report
for the month of January 1998 is submitted.

Sincerely,

A handwritten signature in cursive script, appearing to read 'J.R. Sampson', with a long horizontal flourish extending to the right.

J.R. Sampson
Plant Manager

/jc

Attachment

c: NRC Region III
D.R. Hahn
R.C. Callen
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S.J. Brewer
D.W. Paul
J.A. Kobyra
D.L. Noble
W.H. Schalk
D.G. Turner
B.L. Bartlett

N.R.C. OPERATING DATA REPORT

DOCKET NO.	50 - 315
DATE	February 6, 1998
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

OPERATING STATUS

1. Unit Name	D. C. Cook Unit 1
2. Reporting Period	Jan-98
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	744.0	202368.0
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	74.3
20. Unit Availability Factor	0.0	0.0	74.3
21. Unit Capacity Factor (MDC Net)	0.0	0.0	67.8
22. Unit Capacity Factor (DER Net)	0.0	0.0	66.1
23. Unit Forced Outage Rate	100.0	100.0	7.9

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 - 315
D.C. Cook Unit 1
February 6, 1998
JW Minor
616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

January 1998

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1/1/98	0	1/17/98	0
1/2/98	0	1/18/98	0
1/3/98	0	1/19/98	0
1/4/98	0	1/20/98	0
1/5/98	0	1/21/98	0
1/6/98	0	1/22/98	0
1/7/98	0	1/23/98	0
1/8/98	0	1/24/98	0
1/9/98	0	1/25/98	0
1/10/98	0	1/26/98	0
1/11/98	0	1/27/98	0
1/12/98	0	1/28/98	0
1/13/98	0	1/29/98	0
1/14/98	0	1/30/98	0
1/15/98	0	1/31/98	0
1/16/98	0		

DOCKET NO.
UNIT NAME
DATE
COMPLETED BY
TELEPHONE
PAGE

50 - 315
D.C. Cook Unit 1
February 6, 1998
JF Center
616-697-5098
1 of 1

MONTHLY OPERATING ACTIVITIES - January 1998

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

10/01/97

The Reactor was shutdown 09/08/97 to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection.

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	February 6, 1998
COMPLETED BY	JF Center
TELEPHONE	616-697-5098
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS - January 1998

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 was 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
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