

CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9706170389 DOC. DATE: 97/05/31 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
 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 May 1997 for DC Cook Nuclear
 Plant Unit 1.W/970604 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD3-3 PD	1 1	HICKMAN, J	1 1
INTERNAL:	AEOD/SPD/RRAB	1 1	<u>FILE CENTER 01</u>	1 1
	NRR/DRPM/PECB	1 1	<u>GC/DBA/PAD</u>	1 1
	RGN3	1 1		
EXTERNAL:	LITCO BRYCE, J H	1 1	NOAC	1 1
	NRC PDR	1 1		

C
A
T
E
G
O
R
Y

1

D
O
C
U
M
E
N
T

NOTE TO ALL "RIDS" RECIPIENTS:
 PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
 ROOM OWFN 5D-5 (EXT. 415-2083) TO ELIMINATE YOUR NAME FROM
 DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 10 ENCL 10

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

June 4, 1997

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 May 1997 is submitted.

Sincerely,

A handwritten signature in cursive script, appearing to read 'J.R. Sampson'.

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
M.E. Russo

IC 24

1/1

9706170389 970531
PDR ADOCK 05000315
R PDR



N.R.C. OPERATING DATA REPORT

DOCKET NO.	50 - 315
DATE	June 4, 1997
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

OPERATING STATUS

1. Unit Name	D. C. Cook Unit 1
2. Reporting Period	May-97
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	3624.0	196488.0
12. No. of Hrs. Reactor Was Critical	744.0	2299.8	148887.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	2214.5	146423.3
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	2324524.8	6637230.4	432442027.4
17. Gross Electrical Energy Gen. (MWH)	762860.0	2187510.0	140487420.0
18. Net Electrical Energy Gen. (MWH)	735921.0	2107194.0	135158555.0
19. Unit Service Factor	100.0	61.1	75.3
20. Unit Availability Factor	100.0	61.1	75.3
21. Unit Capacity Factor (MDC Net)	98.9	58.1	68.6
22. Unit Capacity Factor (DER Net)	97.0	57.0	66.9
23. Unit Forced Outage Rate	0.0	0.0	5.9

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:

None

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 - 315
D.C. Cook Unit 1
June 4, 1997
JW Minor
616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

MAY 1997

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
5/1/97	415	5/17/97	1031
5/2/97	570	5/18/97	1031
5/3/97	880	5/19/97	1030
5/4/97	1011	5/20/97	1027
5/5/97	1004	5/21/97	1034
5/6/97	1013	5/22/97	1035
5/7/97	1026	5/23/97	1034
5/8/97	1020	5/24/97	1037
5/9/97	1020	5/25/97	1031
5/10/97	1025	5/26/97	1035
5/11/97	1032	5/27/97	1036
5/12/97	1027	5/28/97	1037
5/13/97	1033	5/29/97	1036
5/14/97	1031	5/30/97	1035
5/15/97	1029	5/31/97	1033
5/16/97	1026		

DOCKET NO.
UNIT NAME
DATE
COMPLETED BY
TELEPHONE
PAGE

50 - 315
D.C. Cook Unit 1
June 4, 1997
JF Center
616-697-5098
1 of 1

MONTHLY OPERATING ACTIVITIES - MAY 1997

HIGHLIGHTS

The unit entered this reporting period in Mode 1 at 32% RTP and ascending.

The unit exited this reporting period in Mode 1 at 100% RTP.

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

Gross electrical generation for the month of May was 762860 MWh.

DETAILS*

05-02-97	1830	Reactor power stabilized at 70% RTP.
05-04-97	1337	Reactor power stabilized at 98.4% RTP.

* All time entries above are Eastern Standard Time (EST).

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit ¹
DATE	June 4, 1997
COMPLETED BY	JF Center
TELEPHONE	616-697-5098
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS - MAY 1997

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
None									There were no unit shutdowns or significant power reductions this month.

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

