

CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9709160323 DOC.DATE: 97/08/31 NOTARIZED: NO DOCKET #
 FACIL:50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
 AUTH.NAME AUTHOR AFFILIATION
 MINOR,J.W. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 SAMPSON,J.R. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Aug 1997 for Donald C Cook
 Nuclear Plant,Unit 1.W/970908 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

September 8, 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 August 1997 is submitted.

Sincerely,

A handwritten signature in dark ink, appearing to read 'J.R. Sampson', followed by the initials 'JRS'.

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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R PDR



4.

N.R.C. OPERATING DATA REPORT

DOCKET NO.	50 - 315
DATE	September 5, 1997
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

OPERATING STATUS

1. Unit Name	D. C. Cook Unit 1
2. Reporting Period	Aug-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	5832.0	198696.0
12. No. of Hrs. Reactor Was Critical	744.0	4507.8	151095.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	4422.5	148631.3
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	2397634.2	13776913.6	439581710.6
17. Gross Electrical Energy Gen. (MWH)	778890.0	4515740.0	142815650.0
18. Net Electrical Energy Gen. (MWH)	751831.0	4354961.0	137406322.0
19. Unit Service Factor	100.0	75.8	75.6
20. Unit Availability Factor	100.0	75.8	75.6
21. Unit Capacity Factor (MDC Net)	101.1	74.7	69.0
22. Unit Capacity Factor (DER Net)	99.1	73.2	67.2
23. Unit Forced Outage Rate	0.0	0.0	5.8

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:

None

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
PAGE

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D.C. Cook Unit 1
September 5, 1997
JF Center
616-697-5098
1 of 1

MONTHLY OPERATING ACTIVITIES - August 1997

HIGHLIGHTS

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

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 August was 778890 MWh.

DETAILS *

8/01/97	1855	Commenced Reactor power reduction for Main Turbine Control Valve testing.
	2053	Reator power stabilized at 92% RTP.
08/02/97	0217	Commenced Reactor power ascension following completion of testing.
	1035	Reactor power stablized at 100% RTP.
8/28/97	1008	Commenced Reactor power reduction due to thermal condition in Lake Michigan and a minor instrument adjustment.
	1445	Reator power stabilized at 90.5% RTP.
8/30/97	0300	Commenced Reactor power ascension following completion of adjustment and change in lake temperature.
	1300	Reactor power stablized at 100% RTP.

* All times are in Eastern Standard Time (EST).

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50 - 315
D.C. Cook Unit 1
September 5, 1997
JW Minor
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AVERAGE DAILY POWER LEVEL (MWe-Net)

August 1997

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
8/1/97	1001	8/17/97	1016
8/2/97	998	8/18/97	1016
8/3/97	1009	8/19/97	1019
8/4/97	1016	8/20/97	1018
8/5/97	1029	8/21/97	1020
8/6/97	1024	8/22/97	1026
8/7/97	1012	8/23/97	1022
8/8/97	1013	8/24/97	1018
8/9/97	1015	8/25/97	1018
8/10/97	1014	8/26/97	1017
8/11/97	1017	8/27/97	1014
8/12/97	1019	8/28/97	972
8/13/97	1024	8/29/97	914
8/14/97	1028	8/30/97	966
8/15/97	1021	8/31/97	1012
8/16/97	1021		

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TELEPHONE	616-697-5098
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UNIT SHUTDOWNS AND POWER REDUCTIONS - August 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.									

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