

PRIORITY 1

(ACCELERATED RIDS PROCESSING)

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FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316 P
AUTH. NAME AUTHOR AFFILIATION
JANISSE, J.D. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele R
BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele R
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Aug 1995 for DC Cook Nuclear
Plant Unit 2.W/950911 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 6
TITLE: Monthly Operating Report (per Tech Specs)

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Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
616 465 5901



September 11, 1995

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

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
August 1995 is submitted.

Respectfully,

A.A. Blind
Plant Manager

Attachment

c: NRC Region III
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JE24.1

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316
DATE 01/Sep/95
COMPLETED BY JD Janisse
TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
2. Reporting Period Aug 1995 notes
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
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 Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	744.0	5832.0	154848.0
12. No. of Hrs. Reactor Was Critical	641.3	5594.0	105610.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	634.7	5582.9	102118.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2102628	18556293	312654475
17. Gross Elect. Energy Gen. (MWH)	659870	5981600	101288590
18. Net Elect. Energy Gen. (MWH)	636809	5780608	97538043
19. Unit Service Factor	85.3	95.7	67.0
20. Unit Availability Factor	85.3	95.7	67.0
21. Unit Capacity Factor (MDC Net)	80.7	93.5	60.2
22. Unit Capacity Factor (DER Net)	78.5	90.9	58.7
23. Unit Forced Outage Rate	14.7	4.3	15.2
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 11, 1995

26. Units in Test Status (Prior to Commercial Operation):
Forecast Achieved
INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316
UNIT TWO
DATE 01/Sep/95
COMPLETED BY JD Janisse
TELEPHONE 616-465-5901

MONTH Aug 1995

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
95/08/01	1017	95/08/17	1012
95/08/02	1057	95/08/18	1014
95/08/03	1038	95/08/19	1033
95/08/04	1027	95/08/20	1068
95/08/05	1016	95/08/21	1066
95/08/06	1052	95/08/22	1044
95/08/07	1056	95/08/23	1033
95/08/08	1066	95/08/24	996
95/08/09	1066	95/08/25	971
95/08/10	1063	95/08/26	8
95/08/11	1056	95/08/27	23
95/08/12	1039	95/08/28	352
95/08/13	1023	95/08/29	318
95/08/14	999	95/08/30	0
95/08/15	1010	95/08/31	0
95/08/16	1012		

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
COMPLETED BY: G.F. Bussone
TELEPHONE: 616-465-5901
DATE: September 11, 1995
PAGE: Page 1 of 2

MONTHLY OPERATING ACTIVITIES - AUGUST 1995

HIGHLIGHTS

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

An Unusual Event was declared on 08-20-95 due to an explosion in the Main Transformer.

An Unusual Event was declared on 08-22-95 due to a fire on the Auxiliary Building roof.

The unit exited this reporting period in Mode 3 at 0% RTP.

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

Gross electrical generation for the month of August was 659870 MWH.

DETAILS

08-20-95	0000 EST	Unusual Event declared due to explosion in Main Transformer.
08-20-95	0050 EST	Unusual Event terminated.
08-22-95	1055 EST	Unusual Event declared due to fire on Auxiliary Building roof.
08-22-95	1055 EST	Unusual Event terminated immediately after declaration.
08-24-95	1900 EST	Commenced Reactor power decrease to remove #21 Circulating Water Pump from service to support diving operations on Unit 1.
08-24-95	2238 EST	Reactor power stabilized at 80% RTP.
08-25-95	0408 EST	Commenced Reactor power ascension to 100% RTP.
08-25-95	0902 EST	Reactor power stabilized at 100% RTP.

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MONTHLY OPERATING ACTIVITIES - AUGUST 1995

08-26-95	0049 EST	Reactor tripped due to a Turbine trip caused by a Moisture Separator Reheater drain tank extreme high-high level.
08-27-95	1555 EST	Reactor taken critical.
08-27-95	1924 EST	Entered Mode 1.
08-29-95	0713 EST	Reactor power stabilized at 100% RTP.
08-29-95	0824 EST	Reactor tripped due to loss of both Control Rod Drive Power Supply Motor Generator sets.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: AUGUST 1995

UNIT NAME: D.C. COOK UNIT 2
 DATE: September 11, 1995
 COMPLETED BY: G.F. Bussone
 TELEPHONE: 616-465-5901
 PAGE: Page 1 OF 1

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
244	950824	S	N/A	B	N/A	N/A	N/A	N/A	Reactor power was reduced to 80% RTP on 082495 to remove the #21 Circulating Water Pump from service to support diving operations on Unit 1. Reactor power was returned to 100% RTP 082595.
245	950826	F	45.7	H	3	TBA*	TBD**	TBD**	On 082695 the reactor tripped due to a turbine trip caused by an MSR drain tank extreme high-high level. The main generator was paralleled to the grid at 2232 EST on 082795.
246	950829	F	63.6	H	3	TBA*	TBD**	TBD**	On 082995 the reactor tripped due to loss of both Control Rod Drive Power Supply MG sets.

* To be assigned

** To be determined.

Data will be updated in next monthly report.

1	2	3	4	5
F: Forced S: Scheduled	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)	Method: 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

