

PRIORITY 1

(ACCELERATED RIDS PROCESSING)

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RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jul 1995 for DC Cook Nuclear
Plant Unit 1. W/950808 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
616 465 5901



August 8, 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 1 Technical Specification 6.9.1.10, the
attached Monthly Operating Report for the month of July
1995 is submitted.

Respectfully,

A.A. Blind
Plant Manager

Attachment

c: NRC Region III
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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315
DATE 02/Aug/95
COMPLETED BY DG Turner
TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
2. Reporting Period July 1995 notes
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
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	5088.0	180408.0
12. No. of Hrs. Reactor Was Critical	338.0	4682.0	136592.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	315.4	4659.4	134483.0
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	727724	14279008	396399585
17. Gross Elect. Energy Gen. (MWH)	226520	4645030	128650470
18. Net Elect. Energy Gen. (MWH)	215173	4476987	123758302
19. Unit Service Factor	42.4	91.6	75.4
20. Unit Availability Factor	42.4	91.6	75.4
21. Unit Capacity Factor (MDC Net)	28.9	88.0	68.4
22. Unit Capacity Factor (DER Net)	28.4	86.3	66.6
23. Unit Forced Outage Rate	57.6	8.4	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:
September 23, 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. 50-315
 UNIT ONE
 DATE 02/Aug/95
 COMPLETED BY DG Turner
 TELEPHONE 616-465-5901

MONTH July 1995

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
95/07/01	545	95/07/17	0
95/07/02	544	95/07/18	0
95/07/03	539	95/07/19	0
95/07/04	540	95/07/20	0
95/07/05	543	95/07/21	0
95/07/06	538	95/07/22	0
95/07/07	538	95/07/23	0
95/07/08	539	95/07/24	0
95/07/09	577	95/07/25	0
95/07/10	922	95/07/26	0
95/07/11	1002	95/07/27	0
95/07/12	1001	95/07/28	0
95/07/13	999	95/07/29	0
95/07/14	139	95/07/30	0
95/07/15	0	95/07/31	0
95/07/16	0		

DOCKET NO: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: G.F. Bussone
TELEPHONE: 616-465-5901
DATE: August 8, 1995
PAGE: Page 1 of 2

MONTHLY OPERATING ACTIVITIES - JULY 1995

HIGHLIGHTS

The unit entered this reporting period in Mode 1 at 57% RTP with the West Main Feed Pump removed from service to perform planned maintenance activities.

Reactor power was increased on July 9, 1995 at 1430 as the West Main Feed Pump was returned to service. Reactor power reached 100% RTP on July 10, 1995 at 1126.

A low condenser vacuum turbine trip, and subsequent reactor trip, occurred on July 14, 1995 at 0426.

Reactor power was increased to 8% RTP and Mode 1 was entered July 16, 1995 at 1010. Reactor power was subsequently reduced and the unit entered Mode 3 on July 16, 1995 at 2149 due to Main Transformer problems.

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 June was 226520 MWH.

DETAILS

07-09-95	1430	Commenced Reactor power increase.
07-10-95	1126	Reactor power stabilized at 100% RTP.
07-14-95	0426	Reactor trip occurred, generated by low condenser vacuum turbine trip. Entered Reactor Mode 3.
07-15-95	2314	Reactor taken critical.
07-16-95	1010	Entered Reactor Mode 1.
07-16-95	1233	Tripped Main Turbine.

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MONTHLY OPERATING ACTIVITIES - JULY 1995

07-16-95	2149	Entered Reactor Mode 3.
07-29-95	0057	Commenced RCS cooldown.
07-30-95	1117	Entered Reactor Mode 4.
07-31-95	0437	Entered Reactor Mode 5.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JULY 1995

UNIT NAME: D.C. COOK UNIT 1
 DATE: August 8, 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
317	950714	F	56.1	H	3	95-003	N/A	N/A	At 0426 Unit 1 received a reactor trip signal as a result of a turbine trip due to low condenser vacuum. The cause of the loss of condenser vacuum was a cracked socket weld connecting the drain trap to the condenser A steam dump control valve.
318	950716	F	371.5	H	1	N/A	N/A	N/A	At 1153 while attempting to parallel the main generator to the grid excessive field voltage was applied. This resulted in damage to the transformer core and the accumulation of hydrogen in the transformer.

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



10/10/10