

PRIORITY 1
ACCELERATED RIDS PROCESSING

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ACCESSION NBR: 9410260086 DOC. DATE: 94/09/30 NOTARIZED: NO DOCKET #
FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
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RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1994 for DC Cook Nuclear
Plant, Unit 1. W/941017 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



October 17, 1994

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 September 1994 is submitted.

Respectfully,

A handwritten signature in dark ink, appearing to read 'A. A. Blind'.

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 04/Oct/94
 COMPLETED BY J D Janisse
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
2. Reporting Period September 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	720.0	6552.0	173112.0
12. No. of Hrs. Reactor Was Critical	720.0	4048.5	129702.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	715.9	4007.0	127615.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2116670	11431649	374957424
17. Gross Elect. Energy Gen. (MWH)	678490	3643810	121666470
18. Net Elect. Energy Gen. (MWH)	652628	3501826	117023624
19. Unit Service Factor	99.4	61.2	74.6
20. Unit Availability Factor	99.4	61.2	74.6
21. Unit Capacity Factor (MDC Net)	90.6	53.4	67.3
22. Unit Capacity Factor (DER Net)	88.9	52.4	65.6
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: _____

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 10/Oct/94
 COMPLETED BY J D Janisse
 TELEPHONE 616-465-5901

MONTH . September

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
94/09/01	1021	94/09/17	1009
94/09/02	1020	94/09/18	1013
94/09/03	1014	94/09/19	1005
94/09/04	1017	94/09/20	1006
94/09/05	744	94/09/21	1012
94/09/06	949	94/09/22	1010
94/09/07	1015	94/09/23	971
94/09/08	1014	94/09/24	1024
94/09/09	1000	94/09/25	1018
94/09/10	598	94/09/26	1017
94/09/11	450	94/09/27	1015
94/09/12	431	94/09/28	1014
94/09/13	175	94/09/29	1005
94/09/14	614	94/09/30	1006
94/09/15	997		
94/09/16	1009		

DOCKET NO.: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: D. L. Bublick
TELEPHONE: (616) 465-5901
DATE: October 7, 1994
PAGE: Page 1 of 2

MONTHLY OPERATING ACTIVITIES - SEPTEMBER 1994

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 September was 678490 MWH.

DETAILS

9-5-94	0845	Commenced Reactor power reduction due to problems with 1-WMO-13 (#13 Circ. Water Pump Discharge). Valve actuator appeared to be working itself loose.
	1000	Reactor power at 49% RTP.
	1350	Commenced reactor power increase to 100% RTP.
9-6-94	1400	Reactor power stabilized at 100% RTP.
9-9-94	1942	Commenced Reactor power reduction for Biocide application in the Circ. Water System.
9-10-94	1450	Started Circ. Water System Biocide application.
	1730	Reactor power stabilized at 50% RTP.
9-11-94	0825	Circ. Water System Biocide application complete.
9-12-94	2031	Commenced Reactor power reduction to allow oil addition to #13 RCP, repair of West MFP Suction Strainer and repairs to the Main Turbine Trip Solenoid.
9-13-94	0335	Reactor power stabilized at 30% RTP.
	0742	Commenced Reactor power reduction.
	0938	Reactor power stabilized at 15% RTP.
	1435	Commenced Reactor power increase.

DOCKET NO.: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: D. L. Bublick
TELEPHONE: (616) 465-5901
DATE: October 7, 1994
PAGE: Page 2 of 2

MONTHLY OPERATING ACTIVITIES - SEPTEMBER 1994

9-13-94	1710	Reactor power stabilized at 30% RTP.
	1945	Commenced Reactor power increase.
9-15-94	0505	Reactor power stabilized at 100% RTP.

UNIT SHUTDOWNS AND POWER REDUCTIONS

Report Month: SEPTEMBER 1994

UNIT NAME: D. C. COOK UNIT, 1
DATE: Oct 7, 1994
COMPLETED BY: D. L. Bublick
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
311	940905	S	3.8	B	4	N/A	N/A	N/A	After decreasing and stabilizing Reactor Power at 49% RTP on 940905, maintenance activities commenced on 1-WMO-13 (#13 Circ. Water Pump Discharge) valve actuator. The reactor was returned to 100% RTP on 940906 at 1400.
312	940910	S	17.6	B	4	N/A	N/A	N/A	After increasing and stabilizing reactor power at 100% RTP on 940906, reactor power was reduced to 50% RTP on 940910 to support Zebra Mussel cleanup in the Circ. Water System. The Reactor was returned to 100% RTP on 940915 at 0505.
313	940913	S	N/A	B	4	N/A	N/A	N/A	After decreasing and stabilizing Reactor Power at 15% RTP on 940913, oil addition commenced to #13 RCP. The reactor was returned to 100% RTP on 940915 at 0505.

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 1061)	Exhibit I: Same Source

