

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

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ACCESSION NBR: 9007170184      DOC. DATE: 90/06/30      NOTARIZED: NO      DOCKET #  
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315  
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 BLIND, A.A.      Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept ~~for June 1990~~ for Donald C Cook  
 Nuclear Plant, Unit 1. W/900705 ltr.

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



July 5, 1990

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 June 1990 is submitted.

Respectfully,

*A. A. Blind*  
A.A. Blind  
Plant Manager

Attachment

c: B.A. Svensson  
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R PDC

*IK24*  
*11*



# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315  
 DATE 02-Jul-90  
 COMPLETED BY WT GILLET  
 TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
2. Reporting Period JUNE 90
3. Licensed Thermal Power (MWt) 3250
4. Name Plate Rating (Gross MWe) 1152
5. Design Electrical Rating (Net MWe) 1030
6. Maximum Dependable Capacity (GROSS MWe) 1056
7. Maximum Dependable Capacity (Net MWe) 1020
8. If Changes Occur in Capacity Ratings (Items no. 3 through 7) Since Last Report Give Reasons \_\_\_\_\_

notes

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	4343.0	135839.0
12. No. of Hrs. Reactor Was Critical	720.0	4280.2	100722.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	720.0	4275.3	98964.3
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	1805615	12458793	287346812
17. Gross Elect. Energy Gen. (MWH)	565720	4013510	93585740
18. Net Elect. Energy Gen. (MWH)	539272	3856299	89988127
19. Unit Service Factor	100.0	98.4	74.0
20. Unit Availability Factor	100.0	98.4	74.0
21. Unit Capacity Factor (MDC Net)	73.4	87.1	65.9
22. Unit Capacity Factor (DER Net)	72.7	86.2	64.0
23. Unit Forced Outage Rate	0.0	0.0	7.3

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):  
Refueling outage to begin October 13, 1990 for an estimated  
duration of 75 days.
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 02-Jul-90  
COMPLETED BY WT GILLETT  
TELEPHONE 616-465-5901

MONTH JUNE 90

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	684	17	986
2	687	18	981
3	686	19	848
4	684	20	672
5	680	21	670
6	681	22	669
7	717	23	680
8	977	24	682
9	987	25	682
10	687	26	679
11	679	27	679
12	680	28	679
13	677	29	677
14	729	30	678
15	981	31	0
16	990		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: June 1990

DOCKET NO: 50-315  
UNIT NAME: D.C. COOK UNIT 1  
DATE: July 5, 1990  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901

NO.	DATE	TYPE <sup>1</sup>	DURATION HOURS	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT NO.	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
288	900619	S	0	F	4	N/A	ZZ	ZZZZZZ	Following approximately five days operation at 100% RPT the unit was returned to the 70.5% power level at 1935 hours on 900619 for fuel cycle extension until the beginning of the scheduled refueling outage.

1	2	3	4	5
F: Forced	Reason:	Method:	Exhibit G - Instructions	Exhibit I: Same Source
S: Scheduled	A: Equipment Failure (Explain)	1: Manual	for preparation of data	
	B: Maintenance or Test	2: Manual Scram	entry sheets for Licensee	
	C: Refueling	3: Automatic Scram	Event Report (LER) File	
	D: Regulatory Restriction	4: Other (Explain)	(NUREG 0161)	
	E: Operator Training and License Examination			
	F: Administrative			
	G: Operational Error (Explain)			
	H: Other (Explain)			

DOCKET No. 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901  
DATE: July 3, 1990  
PAGE: 1 of 2

MONTHLY OPERATING ACTIVITIES - June 1990

HIGHLIGHTS

The unit entered the reporting period at 70.5% Rated Thermal Power. A power increase to 100% was required from 1419 hours on June 14, 1990, to 1935 hours on June 19, 1990, to meet system load demand. The unit exited the reporting period at 70.5% Rated Thermal Power.

Gross electrical generation for the month of June was 565720 MWH.

DETAILS

06/14/90	1419	Commenced unit power increase to 100% RTP.
06/15/90	0505	Unit is at 100% RTP.
06/19/90	1113	Commenced unit power decrease to 70.5% RTP.
06/19/90	1935	Unit is at 70.5% RTP.



DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901  
DATE: July 3, 1990  
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - June 1990

- 1-M-1 Replaced a defective injector on CD Emergency Diesel Generator.
- 1-M-2 Replaced a broken injector housing line on the CD Emergency Diesel Generator.