

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8808020159      DOC. DATE: 88/06/30      NOTARIZED: NO      DOCKET #  
 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
 AUTH. NAME                      AUTHOR AFFILIATION  
 GAUSDEN, M.                      Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 SMITH, W.G.                      Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 RECIPIENT NAME                      RECIPIENT AFFILIATION  
    Document Control Branch (Document Control Desk)

SUBJECT: Monthly operating rept for June 1988 for DC Cook, Unit 2.  
 W/880706 ltr.

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

NOTES:

	RECIPIENT ID CODE/NAME	COPIES	LTR	ENCL	RECIPIENT ID CODE/NAME	COPIES	LTR	ENCL
	PD3-1 LA	1		0	PD3-1 PD	5		5
	STANG, J	1		0				
INTERNAL:	AEOD/DOA	1		1	AEOD/DSP/TPAB	1		1
	ARM TECH ADV	2		2	NRR/DLPQ/PEB 11	1		1
	NRR/DOEA/EAB 11	1		1	NRR/DREP/RPB 10	1		1
	NUDOCS-ABSTRACT	1		1	<u>REG FILE</u> 01	1		1
	RGN3	1		1				
EXTERNAL:	EG&G WILLIAMS, S	1		1	LPDR	1		1
	NRC PDR	1		1	NSIC	1		1

TOTAL NUMBER OF COPIES REQUIRED: LTR 21 ENCL 19

R  
I  
D  
S  
/  
A  
D  
D  
S

DOCKET NO: 50-316  
UNIT NAME: D.C. Cook Unit 2  
COMPLETED BY: M. Gausden  
TELEPHONE: (616) 465-5901  
DATE: July 6, 1988  
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - JUNE 1988

HIGHLIGHTS

The Unit remained in Mode 6 with the reactor core unloaded. The containment was turned over to the Steam Generator Repair Project on June 26, 1988. Cutting and removal of the steam generator concrete enclosures is in progress.

Gross electrical generation for the month of June was 0 MWH.

DETAILS

06-01-88	0319	Lower internal removal begins.
	1932	Removal of lower internals completed.
06-13-88	2145	Began installation of lower internals.
	2322	Lower internal installation completed.
06-14-88	1417	Upper internals replaced.
06-16-88	2040	The head was set on the reactor vessel.

8808020159 880630  
PDR ADOCK 05000316  
R PNU

IE24  
111

DOCKET NO.	<u>50-316</u>
UNIT NAME	<u>D.C.Cook-Unit No. 2</u>
DATE	<u>July 6, 1988</u>
COMPLETED BY	<u>M. Gausden</u>
TELEPHONE	<u>(616) 465-5901</u>
PAGE	<u>1 of 1</u>

MAJOR SAFETY-RELATED MAINTENANCE

JUNE 1988

- I&C-1 Turbine auxiliary feedwater pump was declared inoperable due to its tripping on overspeed. The problem was found to be corroded and sticking steam control valve. The valve was rebuilt and the TDAFP tested to verify operability.
- I&C-2 DCR-340 the #4 Steam Generator blowdown containment isolation valve does not meet ISI closing time of 8 seconds.
- A ASCO solenoid valve was defective. Replaced the defective valve and tested the valve to be within ISI closing limits.

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316  
 DATE 7/1/88  
 COMPLETED BY H.B. GILES  
 TELEPHONE 616-465-5901

OPERATING STATUS.

1. Unit Name D. C. Cook Unit 2  
 2. Reporting Period JUNE 1988 notes  
 3. Licensed Thermal Power (MWt) 3411  
 4. Name Plate Rating (Gross MWe) 1133  
 5. Design Electrical Rating (Net MWe) 1100  
 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	720.0	4367.0	92015.0
12. No. of Hrs. Reactor Was Critical	0.0	2715.5	63595.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	0.0	2715.1	62210.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	0	7410980	189566377
17. Gross Elect. Energy Gen. (MWH)	0	2419600	61896220
18. Net Elect. Energy Gen. (MWH)	0	2323265	59584665
19. Unit Service Factor	0.0	62.2	69.5
20. Unit Availability Factor	0.0	62.2	69.5
21. Unit Capacity Factor (MDC Net)	0.0	50.2	62.7
22. Unit Capacity Factor (DER Net)	0.0	48.4	61.2
23. Unit Forced Outage Rate	0.0	0.0	14.5
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):			

25. If Shut Down At End of Report Period, Estimated Date of Startup:  
February 1989

26. Units in Test Status (Prior to Commercial Operation):  
 Forecast                      Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH JUNE

DOCKET NO. 50-316  
 UNIT NAME D.C. Cook Unit 2  
 DATE 6-5-88  
 COMPLETED BY M. Gausden  
 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 #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
189 cont'd	880423	S	720.0	B&C	1	N/A	ZZ	ZZZZZZ	The unit was removed from service on 880423 for cycle 6-7 Refueling and the steam generator repair project. The reactor core is currently unloaded. The expected date for return to service is February 1989.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316  
UNIT TWO  
DATE 7/1/88  
COMPLETED BY H.B. GILES  
TELEPHONE 616-465-5901

MONTH JUNE 1988

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0		
16	0		

Indiana Michigan  
Power Company  
Cook Nuclear Plant  
P.O. Box 458  
Bridgman, MI 49106  
616 465 5901



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

July 6, 1988

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 June 1988 is submitted.

Sincerely,

  
W. G. Smith, Jr.  
Plant Manager

WGS/jd

cc: D. H. Williams, Jr.  
M. P. Alexich  
R. W. Jurgensen  
R. C. Callen  
C. A. Erikson  
D. W. Paul  
D. R. Hahn  
J. J. Markowsky  
J. R. Sampson  
PNSRC File  
INPO Records Center  
ANI Nuclear Engineering Department  
T. R. Stephens  
NRC Region III  
B. L. Jorgensen  
S. L. Hall  
D. A. Timberlake  
EPRI--Nuclear Safety Analysis Center

IF24  
1/1