

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

04 08
 ACCESSION NBR: 8805260335 DOC. DATE: 88/03/31 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315
 AUTH. NAME AUTHOR AFFILIATION
 PUPLIS, A.S. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele.
 SMITH, W.G. Indiana Michigan Power Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1988.W/880408 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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DOCKET NO: 50-315
UNIT NAME: D. C. Cook Unit 1
COMPLETED BY: A. S. Puplis
TELEPHONE: (616) 465-5901
DATE: April 8, 1988
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - MARCH 1988

HIGHLIGHTS:

The reporting period began with Unit at its administrative power limit of 90% reactor power. On 3-25-88, a reactor shutdown was commenced to begin the ice condenser surveillance outage. The unit entered Mode 3 as of 3-26-88 where it remained until the surveillance outage was complete. A unit startup was commenced on 3-27-88, with the reactor critical at 1135 that day. Reactor power stabilized at 90% as of 3-29-88. The reporting period ended with the unit in Mode 1 at 90% reactor power.

Gross electrical generation for the month of March was 653,610 MWH.

DETAILS

03-25-88 1700 Commenced a power reduction at 10%/hour to begin the ice condenser surveillance outage.

03-26-88 0005 Transferred auxiliary loads from normal feed to reserve feed.

0229 Tripped the main turbine generator.

0236 Operators began inserting control banks. Entered Mode 2.

1052 Commenced Unit 1 reactor startup (Entered Mode 2).

1135 Unit 1 reactor is critical.

1455 Entered Mode 1.

1701 Main generator paralleled to the grid.

1930 Reactor power held at 30% for 12 hour chemistry hold.

03-28-88 1255 Commenced to increase reactor power at 6%/hour ramp.

03-29-88 0212 Reactor power reached 90% power.

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PDR ADOCK 05000315
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DOCKET NO. 50-315
UNIT NAME D. C. Cook - Unit No. 1
DATE April 8, 1988
COMPLETED BY A. S. Puplis
TELEPHONE (616) 465-5901
PAGE 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE

MARCH 1988

<u>I&C-1</u>	<u>Job Order No.</u> 727733	Reactor Coolant System Loop 4, Channel 2 Reactor Coolant Flow is spiking high. The I to I module (IFY-446) was found to be defective. The defective module was replaced, calibrated per 1-THP6030.IMP.101, surveillance test 1-THP4030.STP.103 performed and the channel declared operable.
<u>M-1</u>	734694	The Boric Acid Storage Tank Transfer Pump (pp-46-1) to North Boric Acid Filter Shutoff Valve (1-CS-416-1) would not operate. The stem was found to be loose. The bonnet assembly was replaced and the valve tested satisfactorily.

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315
 DATE 04-APR-88
 COMPLETED BY Michaelson
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1 -----
 2. Reporting Period MAR-88 notes
 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 _____

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	2184.0	116136.0
12. No. of Hrs. Reactor Was Critical	711.5	2131.3	83969.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	705.5	2119.0	82356.5
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2007159	6081746	239080744
17. Gross Elect. Energy Gen. (MWH)	653610	1982760	78127430
18. Net Elect. Energy Gen. (MWH)	628050	1905734	75136732
19. Unit Service Factor	94.8	97.0	72.1
20. Unit Availability Factor	94.8	97.0	72.1
21. Unit Capacity Factor (MDC Net)	82.8	85.5	64.5
22. Unit Capacity Factor (DER Net)	82.0	84.7	62.4
23. Unit Forced Outage Rate	0.0	1.2	8.2
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):			

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH

DOCKET NO. 50-315
 UNIT NAME D.C. Cook Unit 1
 DATE 4-8-88
 COMPLETED BY A.S. Puplis
 TELEPHONE (616) 465-5901

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
268	880325	S	38.5	B	1	NONE	NA	NA	Unit 1 was shutdown to Mode 3 to perform ice condenser surveillances. The unit was returned to service on 3-27-88, with 90% power (administrative limit) restored on 3-29-88.

¹ F: Forced
S: Scheduled

² 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)

³ Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

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

⁵ Exhibit I - Same Source

(9/77)

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-315
 UNIT ONE
 DATE 04-APR-88
 COMPLETED BY Michaelson
 TELEPHONE 616-465-5901

MONTH MAR-88

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	921	17	924
2	923	18	922
3	922	19	923
4	922	20	921
5	921	21	919
6	922	22	921
7	922	23	923
8	922	24	921
9	923	25	810
10	923	26	11
11	923	27	66
12	923	28	385
13	923	29	919
14	924	30	921
15	923	31	924
16	922		

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

April 8, 1988

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 March, 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
E. A. Morse
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

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