

FORD 2

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9102080073 DOC. DATE: 90/01/31 NOTARIZED: NO DOCKET #
 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
 AUTH. NAME AUTHOR AFFILIATION
 GILLETTE, W.T. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1990 for Donald C Cook
 Nuclear Plant, Unit 2.

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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 01-Feb-90

COMPLETED BY W.T. Gillett

TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2

2. Reporting Period Janurary 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	744.0	744.0	105936.0
12. No. of Hrs. Reactor Was Critical	279.2	279.2	70455.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	267.6	267.6	68997.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	861130	861130	211739020
17. Gross Elect. Energy Gen. (MWH)	283330	283330	69079440
18. Net Elect. Energy Gen. (MWH)	273459	273459	66519117
19. Unit Service Factor	36.0	36.0	66.6
20. Unit Availability Factor	36.0	36.0	66.6
21. Unit Capacity Factor (MDC Net)	34.7	34.7	60.6
22. Unit Capacity Factor (DER Net)	33.4	33.4	59.0
23. Unit Forced Outage Rate	56.6	56.6	14.1

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):

Next scheduled shutdown is June, 1990, for a refueling outage.

REFUELING - JUNE 15, 1990.

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

9102080073 900131
PDR ADDOCK 05000316
R PDR

IFRA 1/10/91



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0506VS

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: January, 1990

DOCKET NO. 50-316
 UNIT NAME: D. C. Cook Unit 2
 DATE: February 9, 1990
 COMPLETED BY: T. R. Stephens
 TELEPHONE: (616) 465-5901

NO.	DATE	T Y P E ₁	D U R A T I O N	R E A S O N ₂	M E T H O D I N G O F	S H U T D O W N C T O R ₃	L I C E N S E E E V E N T R E P O R T #	S Y S T E M	C O D E ₄	C O M P O N E N T ₅	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
204	900106	SP S	476.4	B	1		N/A	ZZ	ZZZZZZ		The unit was removed from service at 0227 hours 900106 for an ice condenser surveillance outage. Upon the discovery of more than one steam generator stop valve being inoperable, the unit was cooled down to Mode 5. Upon completion of modifications to the steam generator stop valves and the ice condenser surveillance, the unit was paralleled with the system at 2253 hours on 900125.

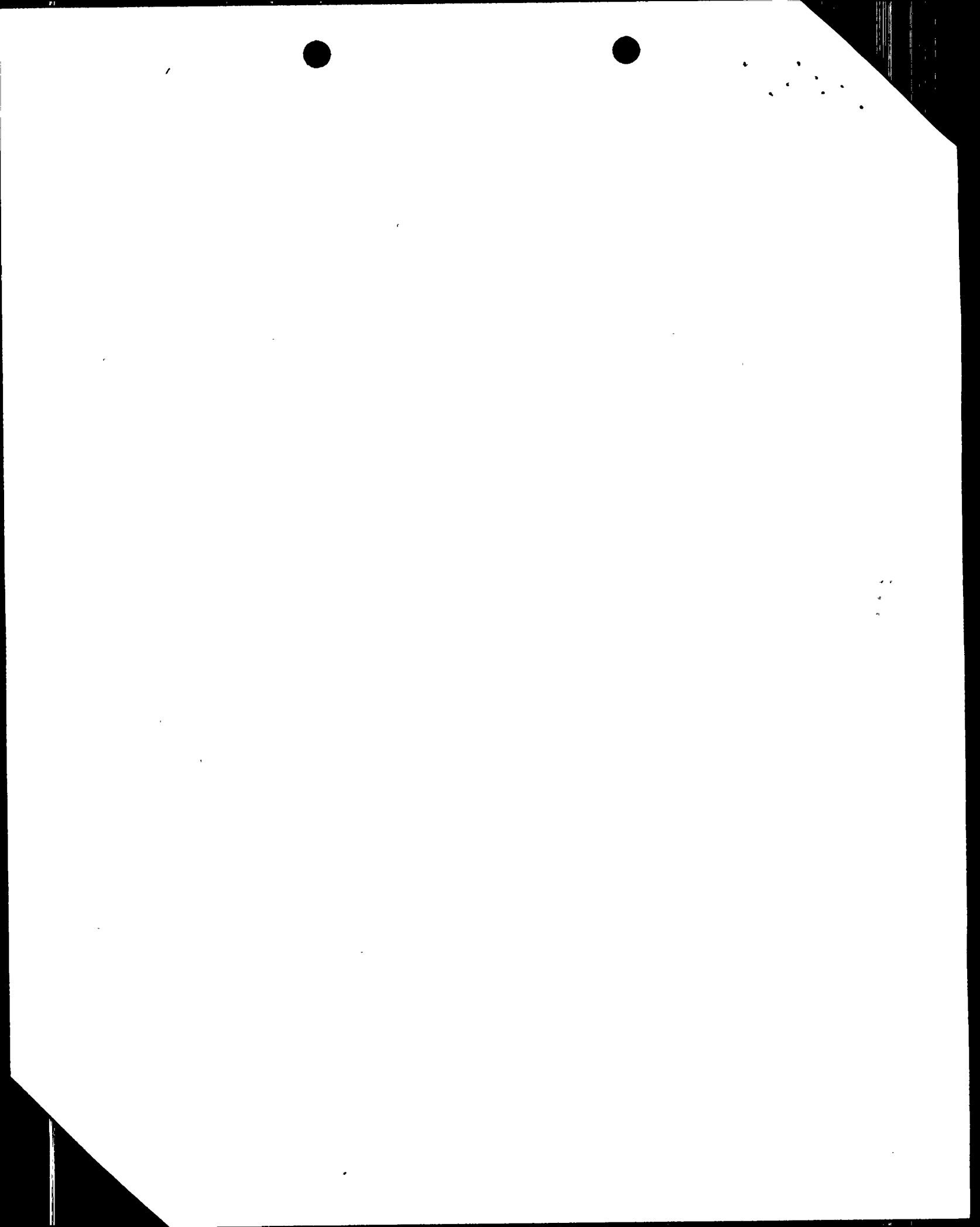
¹ F: Forced
 S: Scheduled

² Reason:
 A: Equipment Failure (Explain)
 B: Maintenance or 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



AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316
UNIT TWO
DATE 01-Feb-90
COMPLETED BY W.T. Gillett
TELEPHONE 616-465-5901

MONTH January

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1095	17	0
2	1096	18	0
3	1095	19	0
4	1098	20	0
5	992	21	0
6	14	22	0
7	0	23	0
8	0	24	0
9	0	25	2
10	0	26	545
11	0	27	1075
12	0	28	1096
13	0	29	1095
14	0	30	1096
15	0	31	1094
16	0		

Cook 2 incurred one scheduled outage during January for ice condenser surveillance and modifications.

DOCKET NO: 50-316
UNIT NAME: D. C. Cook Unit 2
COMPLETED BY: T. R. Stephens
TELEPHONE: (616) 465-5901
DATE: February 9, 1990
PAGE: 1 of 2

MONTHLY OPERATING ACTIVITIES - January, 1990

HIGHLIGHTS

The unit entered the reporting period at 100% Rated Thermal Power. The unit started a power reduction at 1848 hours on 900105 for the ice condenser surveillance outage. The unit was removed from service at 0227 hours 900106. At 0916 hours 900111, an Unusual Event was declared, due to more than one steam generator stop valve being inoperable. A cooldown of the unit to Mode 5 was commenced. The Unusual Event was terminated at 1400 hours 900111. The unit was taken to reduced inventory from 0051 hours 900114 to 2215 hours 900117 for inspection of 2-SI-170-L3 (ECCS to RCS check valve) internals. Modifications were made to the steam generator stop valves and the unit was started up. The unit was paralleled with the system at 2253 hours 900125. The unit achieved 100% Rated Thermal Power at 0400 hours 900127 and exited the reporting period at 100% Rated Thermal Power.

Gross electrical generation for the month of January was 283330 MWH.

DETAILS

01/05/90	1848	Commenced unit shutdown for ice condenser surveillance outage.
01/06/90	0227	The unit was removed from the system.
	0234	Commenced reactor shutdown.
	0307	Opened reactor trip breakers; reactor is in Mode 3.
01/11/90	0916	Declared an Unusual Event due to Technical Specification 3.0.3 entry for having more than one steam generator stop valve inoperable. Commenced RCS cooldown.
	1400	RCS entered Mode 4. The Unusual Event was terminated.
01/12/90	0320	RCS entered Mode 5.

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PAGE: 2 of 2

MONTHLY OPERATING ACTIVITIES (continued)

DETAILS (continued) .

01/14/90	0051	RCS entered reduced inventory status.
01/17/90	2133	Began RCS fill and vent.
	2215	RCS exited reduced inventory status.
01/21/90	0643	RCS entered Mode 4.
01/22/90	0119	RCS entered Mode 3.
01/25/90	1136	Reactor is critical.
	1936	Reactor entered Mode 1.
	2253	Unit was paralleled to the system.
01/27/90	0400	Reactor at 100% Rated Thermal Power.

[illegible]