

# FORD 2

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9102080083    DOC.DATE: 90/02/28    NOTARIZED: NO    DOCKET #  
FACIL:50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315  
AUTH.NAME                    AUTHOR AFFILIATION  
GILLETTE,W.T.                Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
RECIP.NAME                    RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1990 for Donald C Cook  
Nuclear Plant,Unit 1.

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TITLE: Direct Flow Distribution: 50 Docket (PDR Avail)

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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315  
 DATE 01-Mar-90  
 COMPLETED BY WT GILLETT  
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1  
 2. Reporting Period FEB 90 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	672.0	1416.0	132912.0
12. No. of Hrs. Reactor Was Critical	672.0	1416.0	97858.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	672.0	1416.0	96105.0
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2180256	4594060	279482079
17. Gross Elect. Energy Gen. (MWH)	710890	1496700	91068930
18. Net Elect. Energy Gen. (MWH)	686211	1444623	87576451
19. Unit Service Factor	100.0	100.0	73.4
20. Unit Availability Factor	100.0	100.0	73.4
21. Unit Capacity Factor (MDC Net)	100.1	100.0	65.6
22. Unit Capacity Factor (DER Net)	99.1	99.0	63.7
23. Unit Forced Outage Rate	0.0	0.0	7.5

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):  
~~Ice condenser surveillance outage to begin on March 17, 1990 for an estimated duration of four days. SURVEILLANCE - MARCH 17, 1990 - 4 DAY 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

*FR 24 JFO/*  
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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: February, 1990

DOCKET NO: 50-315  
 UNIT NAME: D.C. COOK UNIT 1  
 DATE: March 9, 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
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None

*(None)*

There were no unit shutdowns or significant power reductions from the maximum power level of 100% during the month.

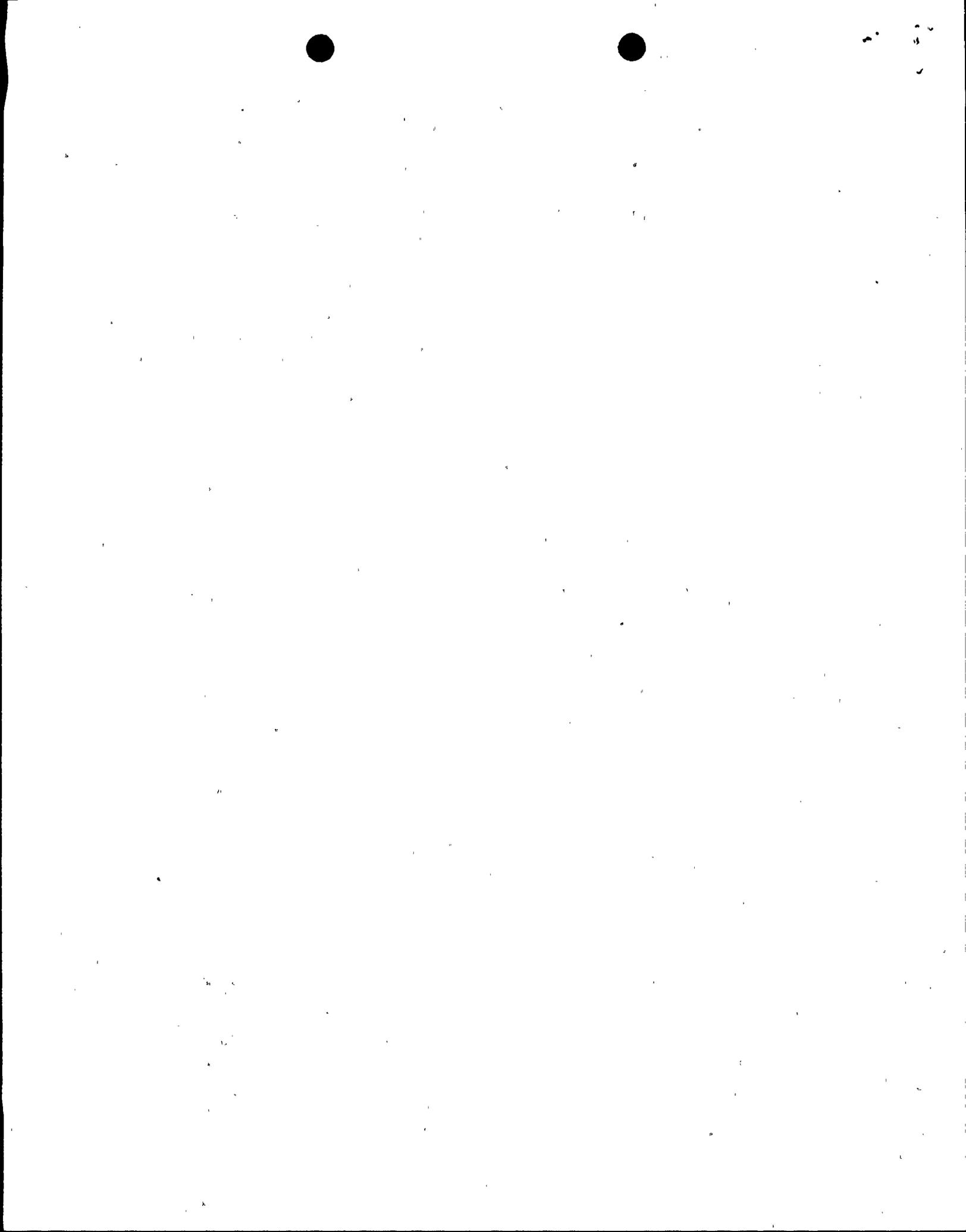
<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup> 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)

<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. 50-315  
UNIT ONE  
DATE 01-Mar-90  
COMPLETED BY WT GILLETT  
TELEPHONE 616-465-5901

MONTH FEB 90

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1023	17	1018
2	1009	18	1021
3	1012	19	1021
4	1022	20	1021
5	1022	21	1022
6	1021	22	1023
7	1021	23	1023
8	1022	24	1023
9	1023	25	1024
10	1021	26	1024
11	1020	27	1024
12	1021	28	1023
13	1022		
14	1021		
15	1021		
16	1022		

*Cook 1 operated routinely during February with no outages or significant power reductions.*

DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: E.C. Schimmel  
TELEPHONE: (616) 465-5901  
DATE: March 9, 1990  
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - February, 1990

HIGHLIGHTS

The unit entered the reporting period at 100% Rated Thermal Power and exited the reporting period at 100% Rated Thermal Power, with no significant load changes.

Gross electrical generation for the month of February was 710890 MWH.

DETAILS

There were no significant operational events during the month of February.