

# FORD 2

## REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9102080116 DOC. DATE: 90/02/28 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 Feb 1990 for Donald C Cook  
 Nuclear Power Plant, Unit 2.

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

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## N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316

DATE 01-Mar-90

COMPLETED BY WT GILLET

TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 2 -----

2. Reporting Period FEB 90 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	672.0	1416.0	106608.0
12. No. of Hrs. Reactor Was Critical	672.0	951.2	71127.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	672.0	939.6	69669.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2282581	3143711	214021601
17. Gross Elect. Energy Gen. (MWH)	759280	1042610	69838720
18. Net Elect. Energy Gen. (MWH)	734834	1008293	67253951
19. Unit Service Factor	100.0	66.4	66.8
20. Unit Availability Factor	100.0	66.4	66.8
21. Unit Capacity Factor (MDC Net)	103.2	67.2	60.9
22. Unit Capacity Factor (DER Net)	99.4	64.7	59.3
23. Unit Forced Outage Rate	0.0	27.1	14.0

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

~~Refueling outage to begin on June 23, 1990, for an estimated duration of 77 days.~~

REFUELING - JUNE 23, 1990 - 77 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

9102080116 900228  
PDR ADCK 05000316  
R PDR

FE24 1501  
0/1



2. 2. 4.

1. 2. 3.

1. 2. 3. 4.

1. 2. 3. 4. 5.

1. 2. 3. 4.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: February, 1990

DOCKET NO: 50-316  
UNIT NAME: D.C. COOK UNIT.2  
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
205	900214	F	0.0	A	AS	N/A	CJ	PIPEXX	Unit power was reduced starting 0600 hours 900214 due to entering Technical Specification 3.6.1.1 Action Statement caused by a pipe fitting leak which potentially exceeded the allowable leakage rate. Technical Specification compliance was verified at 0736 hours 900214 and the power reduction was stopped at 78%. Unit power was restored to 100% at 1300 hours 900214.

1

F: Forced  
S: Scheduled

2

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)

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-Mar-90  
COMPLETED BY WT GILLETT  
TELEPHONE 616-465-5901

MONTH FEB 90

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1095	17	1098
2	1094	18	1096
3	1089	19	1100
4	1096	20	1098
5	1096	21	1104
6	1097	22	1100
7	1095	23	1098
8	1096	24	1097
9	1096	25	1098
10	1096	26	1096
11	1094	27	1089
12	1098	28	1045
13	1099		
14	1057		
15	1102		
16	1101		

*Cask 2 incurred ~~two~~ one forced power reduction during February as described above.*



DOCKET NO: 50-316  
UNIT NAME: D.C. Cook Unit 2  
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. An unusual event was declared on 900214 due to a pipe fitting leak on the pressurizer liquid sample line which had a potential for affecting primary containment integrity. The unusual event was terminated when Technical Specification compliance was verified. The unit exited the reporting period at 100% Rated Thermal Power.

DETAILS

02-14-90 0600 Unusual event was declared due to entering Technical Specification 3.6.1.1, Action Statement on primary containment integrity due to an unquantified containment leak. Unit shutdown was initiated.

02-14-90 0736 Technical Specification 3.6.1.1 compliance was verified. Unusual event was terminated. Power reduction was terminated at 78% RTP.

02-14-90 0739 The unit commenced a power escalation to 100% RTP.

02-14-90 1300 The unit was at 100% RTP.



