

# CATEGORY 1

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9711210229 DOC. DATE: 97/10/31 NOTARIZED: NO DOCKET #  
FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316  
AUTH. NAME AUTHOR AFFILIATION  
MINOR, J.W. Indiana Michigan Power Co.  
SAMPSON, J.R. Indiana Michigan Power Co.  
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Oct 1997 for Donald C Cook  
Nuclear Power Plant, Unit 2.W/971110 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5  
TITLE: Monthly Operating Report (per Tech Specs)

### NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD3-3 PD	1 1	HICKMAN, J	1 1
INTERNAL:	AEOD/SPD/RRAB	1 1	FILE CENTER	1 1
	NRR/DRPM/PECB	1 1	OC/DBA/PAD	1 1
	RGN3	1 1		
EXTERNAL:	LITCO BRYCE, J H	1 1	NOAC	1 1
	NRC PDR	1 1		

### NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE. TO HAVE YOUR NAME OR ORGANIZATION REMOVED FROM DISTRIBUTION LISTS OR REDUCE THE NUMBER OF COPIES RECEIVED BY YOU OR YOUR ORGANIZATION, CONTACT THE DOCUMENT CONTROL DESK (DCD) ON EXTENSION 415-2083

TOTAL NUMBER OF COPIES REQUIRED: LTTR 10 ENCL 10

C  
A  
T  
E  
G  
O  
R  
Y  
  
1  
  
D  
O  
C  
U  
M  
E  
N  
T

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102

103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200



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

November 10, 1997

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 October 1997 is submitted.

Sincerely,

  
J.R. Sampson  
Plant Manager

/jc

Attachment

c: NRC Region III  
D.R. Hahn  
R.C. Callen  
S. Hamming  
B. Lewis  
INPO Records Center  
ANI Nuclear Engineering Department  
E.E. Fitzpatrick  
A.A. Blind  
P.A. Barrett  
S.J. Brewer  
D.W. Paul  
J.A. Kobyra  
D.L. Noble  
W.H. Schalk  
D.G. Turner  
B.L. Bartlett

TE0411

9711210229 971031  
PDR PADOCK 05000316  
R PDR





10-10-68

10-10-68

10-10-68

10-10-68

10-10-68

10-10-68

10-10-68

# N.R.C. OPERATING DATA REPORT

DOCKET NO.	50 - 316
DATE	November 10, 1997
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

## OPERATING STATUS

1. Unit Name	D. C. Cook Unit 2
2. Reporting Period	Oct-97
3. Licensed Thermal Power (MWt)	3411
4. Name Plate Rating (Gross MWe)	1133
5. Design Electrical Rating (Net MWe)	1090
6. Maximum Dependable Capacity (GROSS MWe)	1100
7. Maximum Dependable Capacity (Net MWe)	1060

Notes:

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 Month	Year-to-Date	Cumulative
11. Hours in Reporting Period	744.0	7296.0	173856.0
12. No. of Hrs. Reactor Was Critical	0.0	5759.1	121771.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	0.0	5705.8	118153.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Gen. (MWH)	0.0	18829383.4	366007650.4
17. Gross Electrical Energy Gen. (MWH)	0.0	6080250.0	118584640.0
18. Net Electrical Energy Gen. (MWH)	0.0	5875213.0	114257779.0
19. Unit Service Factor	0.0	78.2	68.9
20. Unit Availability Factor	0.0	78.2	68.9
21. Unit Capacity Factor (MDC Net)	0.0	76.0	62.8
22. Unit Capacity Factor (DER Net)	0.0	73.9	61.2
23. Unit Forced Outage Rate	100.0	16.7	14.3

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

---

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

The 40 day refueling outage schedule gives an estimated start up date on November 22, 1997.

---

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

DOCKET NO.  
UNIT NAME  
DATE  
COMPLETED BY  
TELEPHONE

50 - 316  
D.C. Cook Unit 2  
November 10, 1997  
JW Minor  
616-465-5901

**AVERAGE DAILY POWER LEVEL (MWe-Net)**

**October 1997**

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
10/1/97	0	10/17/97	0
10/2/97	0	10/18/97	0
10/3/97	0	10/19/97	0
10/4/97	0	10/20/97	0
10/5/97	0	10/21/97	0
10/6/97	0	10/22/97	0
10/7/97	0	10/23/97	0
10/8/97	0	10/24/97	0
10/10/97	0	10/25/97	0
10/10/97	0	10/26/97	0
10/11/97	0	10/27/97	0
10/12/97	0	10/28/97	0
10/13/97	0	10/29/97	0
10/14/97	0	10/30/97	0
10/15/97	0	10/31/97	0
10/16/97	0		

DOCKET NO.  
UNIT NAME  
DATE  
COMPLETED BY  
TELEPHONE  
PAGE

50 - 316  
D.C. Cook Unit 2  
November 7, 1997  
JF Center  
616-697-5098  
1 of 1

## MONTHLY OPERATING ACTIVITIES - October 1997

### HIGHLIGHTS

The unit entered this reporting period in Mode 5 at 0% RTP.

The unit exited this reporting period in Mode 6 at 0% RTP.

There were no challenges to the pressurizer safety valves or power operated relief valves.

Gross electrical generation for the month of October was 0 MWh.

### DETAILS\*

10/01/97		The Reactor was shutdown 09/08/97 to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection.
10/13/97	0500	U2R97 Cycle 11 - 12 refueling outage begins.
10/22/97	0922	Entered Mode 6.

---

\* All time entries are Eastern Standard Time (EST).

DOCKET NO.	50 - 316
UNIT NAME	D.C. Cook Unit 2
DATE	October 6, 1997
COMPLETED BY	JF Center
TELEPHONE	616-697-5098
PAGE	1 of 1

### UNIT SHUTDOWNS AND POWER REDUCTIONS - SEPTEMBER 1997

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
333	090897	F	294.0	F	2	97-003 97-004	N/A N/A	N/A N/A	The unit was shutdown to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection.
334	101297	S	450.0	C	4	N/A	N/A	N/A	The scheduled refueling outage commenced while the unit had been shutdown to resolve design basis questions discovered during the NRC Architect and Engineering (AE) Inspection.

**1 TYPE:**  
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 SYSTEM:**  
Exhibit G - Instructions  
for preparation of data  
entry sheets for Licensee  
Event Report (LER) File  
(NUREG 0161)

**5 COMPONENT:**  
Exhibit I: Same Source



