

# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315

DATE 04-Jun-93

COMPLETED BY DG Turner

TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 1  
 2. Reporting Period May 93  
 3. Licensed Thermal Power (MWt) 3250  
 4. Name Plate Rating (Gross MWe) 1152  
 5. Design Electrical Rating (Net MWe) 1020  
 6. Maximum Dependable Capacity (GROSS MWe) 1056  
 7. Maximum Dependable Capacity (Net MWe) 1000  
 8. If Changes Occur in Capacity Ratings (Items no. 3 through 7) Since Last Report Give Reasons

notes

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	3623.0	161423.0
12. No. of Hrs. Reactor Was Critical	744.0	3623.0	120517.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	3623.0	118471.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2397369	11577888	347020211
17. Gross Elect. Energy Gen. (MWH)	778240	3769940	112713300
18. Net Elect. Energy Gen. (MWH)	750947	3637653	108400018
19. Unit Service Factor	100.0	100.0	74.4
20. Unit Availability Factor	100.0	100.0	74.4
21. Unit Capacity Factor (MDC Net)	100.9	100.4	66.8
22. Unit Capacity Factor (DER Net)	99.0	98.4	65.1
23. Unit Forced Outage Rate	0.0	0.0	6.3
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):	none		

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

9306170055 930604  
 PDR ADDOCK 05000315  
 R PDR



11

11

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-315  
UNIT ONE  
DATE 02-Jun-93  
COMPLETED BY DG Turner  
TELEPHONE 616-465-5901

MONTH May 93

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1019	17	1019
2	1021	18	1019
3	1019	19	1024
4	1017	20	997
5	1018	21	964
6	1017	22	928
7	1017	23	948
8	1019	24	1017
9	1020	25	1012
10	1020	26	1012
11	1015	27	1011
12	1017	28	1008
13	1018	29	1015
14	1015	30	1018
15	1016	31	1017
16	1014		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MAY 1993

UNIT NAME: D. C. COOK UNIT 1  
DATE: June 3, 1993  
COMPLETED BY: R. D. Reynnells  
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
None									There were no unit shutdown or significant power reductions from 100% RTP this month.

1	2	3	4	5
F: Forced S: Scheduled	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)	Method: 1: Manual 2: Manual Scram 3: Automatic Scram 4: Other (Explain)	Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 1061)	Exhibit I: Same Source

DOCKET NO.: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: R. D. Reynnells  
TELEPHONE: (616) 465-5901  
DATE: June 3, 1993  
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - MAY 1993

HIGHLIGHTS

The unit entered the reporting period in Mode 1 at 100 % RTP.

The unit exited this reporting period in Mode 1 at 100 % RTP.

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

Gross Electrical generation for the month of May was 778240 MWH.

DETAILS

5-20-93 1500 Commenced reactor power decrease to 95% RTP for scheduled maintenance.

1635 Reactor power is at 95% RTP.

5-21-93 2332 Commenced reactor power decrease to 90% RTP for steam dump valve testing.

5-22-93 1915 Reactor power is at 90% RTP.

5-23-93 1556 Commenced reactor power increase.

1802 Reactor power is at 100% RTP.

DOCKET NO: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: M. E. Russo  
TELEPHONE: (616) 465-5901  
DATE: June 4, 1993  
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - May 1993

There were no major safety-related maintenance items during the month of May.