

# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315  
 DATE 02/Oct/93  
 COMPLETED BY DG TURNER  
 TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 1  
 2. Reporting Period SEPT 1993 notes  
 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

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	720.0	6551.0	164351.0
12. No. of Hrs. Reactor Was Critical	720.0	6551.0	123445.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	720.0	6551.0	121399.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2214841	20947490	356389813
17. Gross Elect. Energy Gen. (MWH)	707030	47455200	115709560
18. Net Elect. Energy Gen. (MWH)	680592	6526550	111288915
19. Unit Service Factor	100.0	100.0	74.8
20. Unit Availability Factor	100.0	100.0	74.8
21. Unit Capacity Factor (MDC Net)	94.5	99.6	67.3
22. Unit Capacity Factor (DER Net)	92.7	97.7	65.7
23. Unit Forced Outage Rate	0.0	0.0	6.1
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration): Refueling outage to begin February 5, 1994 for an estimated duration of 90 days.			
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



10/10/10

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-315  
 UNIT ONE  
 DATE 04/Oct/93  
 COMPLETED BY DG TURNER  
 TELEPHONE 616-465-5901

MONTH SEPT 1993

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAIL POWER LEVEL
09/01/93	1001	09/17/93	999
09/02/93	996	09/18/93	998
09/03/93	1002	09/19/93	1001
09/04/93	959	09/20/93	1005
09/05/93	999	09/21/93	1008
09/06/93	997	09/22/93	1009
09/07/93	995	09/23/93	1007
09/08/93	995	09/24/93	994
09/09/93	999	09/25/93	1003
09/10/93	940	09/26/93	1016
09/11/93	493	09/27/93	1015
09/12/93	496	09/28/93	1013
09/13/93	506	09/29/93	1011
09/14/93	898	09/30/93	1008
09/15/93	996		0
09/16/93	998		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: SEPTEMBER 1993

UNIT NAME: D. C. COOK UNIT 1  
DATE: October 8, 1993  
COMPLETED BY: R. D. Reynnells  
TELEPHONE: (616) 465-5901  
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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
306	930910	S	N/A	B	N/A	N/A	N/A	N/A	The reactor power was reduced to 55% RTP on 930910 to support the application of a Clamtrol Treatment for zebra mussel control.

<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 1061)	<sup>5</sup> Exhibit I: Same Source
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DOCKET NO.: 50-315  
UNIT NAME: D.C. Cook Unit 1  
COMPLETED BY: R. D. Reynnells  
TELEPHONE: (616) 465-5901  
DATE: Oct. 8, 1993  
PAGE: Page 1 of 1

MONTHLY OPERATING ACTIVITIES - SEPTEMBER 1993

HIGHLIGHTS

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

On September 10, 1993 reactor power was reduced to 55% RTP to establish system conditions required to support "Clamtrol" treatment of circulating water and service water systems for zebra mussels. Reactor power was restored to 100% RTP on September 14, 1993.

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 August was 707030 MWH.

DETAILS

09-04-93 0133 Commenced reactor power decrease to 90% RTP for turbine valve testing.  
0430 Reactor power is at 90% RTP.  
1120 Commenced reactor power increase to 100% RTP.  
1325 Reactor power is at 100% RTP.  
09-10-93 1906 Commenced reactor power decrease to 55% RTP to support Clamtrol Treatment for zebra mussel control.  
09-11-93 0125 Reactor power is at 55% RTP.  
09-13-93 2300 Commenced reactor power increase to 100% RTP.  
09-14-93 1350 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: October 6, 1993  
PAGE: 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - September 1993

No major safety-related maintenance items are included for the month of September.