

# N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316  
 DATE 01-Aug-89  
 COMPLETED BYT. W. Everett  
 TELEPHONE 616-465-5901

## OPERATING STATUS

1. Unit Name D. C. Cook Unit 2 -----  
 2. Reporting Period July 89 |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	744.0	5087.0	101519.0
12. No. of Hrs. Reactor Was Critical	744.0	3002.3	66597.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	744.0	2946.1	65156.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	2508038	9399863	198966240
17. Gross Elect. Energy Gen. (MWH)	790400	3037460	64933680
18. Net Elect. Energy Gen. (MWH)	762769	2930245	62514910
19. Unit Service Factor	100.0	57.9	65.7
20. Unit Availability Factor	100.0	57.9	65.7
21. Unit Capacity Factor (MDC Net)	96.7	54.3	59.4
22. Unit Capacity Factor (DER Net)	93.2	52.4	57.9
23. Unit Forced Outage Rate	0.0	10.1	14.3

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):  
Next scheduled shutdown is December, 1989, for a one-week ice  
condenser surveillance outage.

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

8908150172 890804  
 PDR ADOCK 05000316  
 R PDC

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316  
 UNIT TWO  
 DATE 01-Aug-89  
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MONTH July 89

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1045	17	1020
2	1044	18	871
3	1041	19	865
4	1043	20	998
5	1045	21	1042
6	1052	22	1101
7	1044	23	1048
8	1032	24	1038
9	1034	25	1035
10	1033	26	1026
11	1029	27	1025
12	1029	28	1028
13	1032	29	1030
14	1036	30	1032
15	1024	31	1038
16	1022		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JULY, 1989

DOCKET NO. 50-316  
 UNIT NAME: D. C. Cook Unit 2  
 DATE: August 4, 1989  
 COMPLETED BY: T. R. Stephens  
 TELEPHONE: (616) 465-5901

NO.	DATE	T Y P E <sub>1</sub>	D U R A T I O N H O U R S	R E A S O N <sub>2</sub>	M E T H O D O F S H U T D O W N R E A C T O R <sub>3</sub>	LICENSEE EVENT REPORT #	S Y S T E M C O D E <sub>4</sub>	C O M P O N E N T C O D E <sub>5</sub>	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
									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  
 D: Refueling  
 E: Regulatory Restriction  
 F: Operator Training &  
 License Examination  
 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

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COMPLETED BY: T. R. Stephens  
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PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - JULY, 1989

HIGHLIGHTS

The unit entered the reporting period at 100% Rated Thermal Power. Power was reduced to 87% to facilitate motor replacement on #23 circ water pump. Upon completion of #23 circ water pump motor replacement, the unit returned to 100% RTP. The unit exited the reporting period at 100% RTP.

Gross electrical generation for the month of June was 790400 MWH.

DETAILS

7/3/89	0951	Unusual Event declared due to both D/G's being inoperable.
	1148	Exited Unusual Event.
7/17/89	2350	Commenced power reduction for maintenance work on #23 circulating water pump.
	0432	Reactor at 87% RTP.
7/20/89	0838	Commenced power increase to 100% RTP.
	1242	Reactor at 100% RTP.