

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER 1987

TICKET NO. 50-315  
 UNIT NAME D.C. Cook Unit 1  
 DATE 11-6-87  
 COMPLETED BY J. L. St. Amand  
 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 #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
260 cont'd	870627	S	135.7	C	4	N/A	ZZ	ZZZZZZ	The unit was removed from service on June 27, 1987 at 0253 hours for the cycle 9-10 refueling outage. All refueling activities have been completed and the unit returned to service October 6, 1987.
261	871007	S	20.6	B	4	N/A	HA	INSTRU	The unit was removed from service at 0426 to begin overspeed testing of the turbine-generator. The unit was placed back on line at 0100 on 10-8-87.
262	871008	S	* 0.9	B	4	N/A	HA	INSTRU	The unit was removed from service for approximately one hour to complete turbine-generator overspeed testing.
263	871013	F	19.2	A	3	87-021-00	CH	ZZZZZZ	The reactor was automatically tripped on steamflow/feedflow mismatch coincident with low steam generator level due to a feedwater transient that

1  
 F: Forced  
 S: Scheduled

2 Reason:  
 A Equipment Failure (Explain)  
 B Maintenance of Test  
 C Refueling  
 D Regulatory Restriction  
 E Operator Training & 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 (NURR-G-0161)

5 Exhibit I - Same Source

(9/17)

\* corrected value for month of October

Revised 2-8-88

8803040115 880210  
 PDR ADDCK 05000315  
 R PDR



3  
2  
1

## N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315

DATE 11/1/87

COMPLETED BY Michaelson

TELEPHONE 616-465-5901

## OPERATING STATUS

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

2. Reporting Period OCT 87 notes -----

3. Licensed Thermal Power (MWt) 3250 -----

4. Name Plate Rating (Gross MWe) 1152 -----

5. Design Electrical Rating (Net MWe) 1030 -----

6. Maximum Dependable Capacity (GROSS MWe) 1056 -----

7. Maximum Dependable Capacity (Net MWe) 1020 -----

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	745.0	7296.0	112488.0
12. No. of Hrs. Reactor Was Critical	639.5*	4548.2*	80373.9*
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	568.6*	4454.9*	78773.5*
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	1333894*	12157480*	228789988*
17. Gross Elect. Energy Gen. (MWH)	411610	3877070	74772940
18. Net Elect. Energy Gen. (MWH)	391403	3714971	71912202
19. Unit Service Factor	76.3*	61.1*	71.2*
20. Unit Availability Factor	76.3*	61.1*	71.2*
21. Unit Capacity Factor (MDC Net)	51.5	49.9	63.8
22. Unit Capacity Factor (DER Net)	51.0	49.4	61.6
23. Unit Forced Outage Rate	3.3*	7.9*	8.5*
24. Shutdowns Scheduled over Next Six Months (Type, Date, and 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		

\* Corrected Values

## AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-315  
UNIT ONE  
DATE 11/1/87  
COMPLETED BY Michaelson  
TELEPHONE 616-465-5901

MONTH OCT 87

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	0	17	499
2	0	18	707
3	0	19	909
4	0	20	916
5	0	21	621
6	76	22	901
7	22	23	915
8	244	24	917
9	400	25	917
10	400	26	915
11	395	27	916 *
12	456	28	910 *
13	183	29	913
14	362	30	913
15	489	31	916
16	498		

\* Corrected Values