

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 ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	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 or 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 (NUR-G-0161)

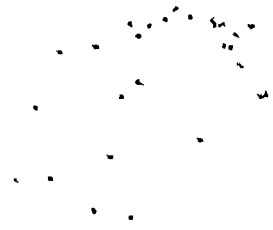
5
Exhibit I - Same Source

(9/77)

* corrected value for month of October

Revised 2-8-88

8803040115 880210
 PDR ADOCK 05000315
 R PDR



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