

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316
 DATE 02/Oct/93
 COMPLETED BY DG TURNER
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
 2. Reporting Period SEPT 1993 notes
 3. Licensed Thermal Power (MWt) 3411
 4. Name Plate Rating (Gross MWe) 1133
 5. Design Electrical Rating (Net MWe) 1090
 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	720.0	6551.0	138047.0
12. No. of Hrs. Reactor Was Critical	720.0	6282.5	92640.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	720.0	6250.5	89566.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	1747199	18827614	276415386
17. Gross Elect. Energy Gen. (MWH)	528950	6051920	89805950
18. Net Elect. Energy Gen. (MWH)	503254	5830757	86502929
19. Unit Service Factor	100.0	95.4	66.0
20. Unit Availability Factor	100.0	95.4	66.0
21. Unit Capacity Factor (MDC Net)	65.9	84.0	60.0
22. Unit Capacity Factor (DER Net)	64.1	81.7	58.5
23. Unit Forced Outage Rate	0.0	4.6	15.6
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		

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316
UNIT TWO
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	695	09/17/93	740
09/02/93	682	09/18/93	737
09/03/93	685	09/19/93	740
09/04/93	675	09/20/93	737
09/05/93	680	09/21/93	735
09/06/93	691	09/22/93	739
09/07/93	692	09/23/93	739
09/08/93	684	09/24/93	761
09/09/93	675	09/25/93	762
09/10/93	654	09/26/93	769
09/11/93	503	09/27/93	761
09/12/93	499	09/28/93	753
09/13/93	516	09/29/93	748
09/14/93	691	09/30/93	748
09/15/93	743		0
09/16/93	738		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: SEPTEMBER 1993

UNIT NAME: D. C. COOK UNIT 2
DATE: Oct. 8, 1993
COMPLETED BY: R. D. Reynnells
TELEPHONE: (616) 465-5901
PAGE 1 OF 1

NO.	DATE	TYPE ¹	DURATION HOURS	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT NO.	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
232	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.

¹
F: Forced
S: Scheduled

²
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)

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 (NUREG 1061)

⁵
Exhibit I: Same Source

DOCKET NO.: 50-316
UNIT NAME: D.C. Cook Unit 2
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 70% RTP.

On September 10, 1993 reactor power was reduced to 55% RTP to establish system conditions required to support "Clamtrol" treatment of circulation water and service water systems for zebra mussels. Reactor power was returned to 75% RTP on September 14, 1993.

The unit exited this reporting period in Mode 1 at 75% RTP.

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

Gross Electrical generation for the month of September was 528950 MWH.

DETAILS

09-10-93	2228	Commenced reactor power decrease to 55% RTP to support Clamtrol Treatment for zebra mussel control.
09-11-93	0045	Reactor power is at 55% RTP.
09-14-93	0357	Commenced reactor power increase to 75% RTP.
	0950	Reactor power is at 75% RTP.

DOCKET NO: 50-316
UNIT NAME: D.C. Cook Unit 2
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.