

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-316
DATE 03/Oct/95
COMPLETED BY JD Janisse
TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 2
2. Reporting Period Sep 1995
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

notes

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	6552.0	155568.0
12. No. of Hrs. Reactor Was Critical	505.8	6099.8	106116.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator on Line	479.7	6062.6	102597.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Therm. Energy Gen. (MWH)	1511766	20068059	314166241
17. Gross Elect. Energy Gen. (MWH)	479160	6460760	101767750
18. Net Elect. Energy Gen. (MWH)	461988	6242596	98000031
19. Unit Service Factor	66.6	92.5	67.0
20. Unit Availability Factor	66.6	92.5	67.0
21. Unit Capacity Factor (MDC Net)	60.5	89.9	60.2
22. Unit Capacity Factor (DER Net)	58.9	87.4	58.7
23. Unit Forced Outage Rate	33.4	7.5	15.4
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		

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-316
 UNIT TWO
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MONTH Sep 1995

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
95/09/01	0	95/09/17	894
95/09/02	0	95/09/18	1060
95/09/03	0	95/09/19	1055
95/09/04	0	95/09/20	1063
95/09/05	0	95/09/21	1066
95/09/06	0	95/09/22	1058
95/09/07	235	95/09/23	1057
95/09/08	790	95/09/24	1058
95/09/09	0	95/09/25	1052
95/09/10	0	95/09/26	1055
95/09/11	0	95/09/27	1052
95/09/12	160	95/09/28	1052
95/09/13	873	95/09/29	1056
95/09/14	1052	95/09/30	1057
95/09/15	992		
95/09/16	513		

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UNIT NAME: D.C. Cook Unit 2
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TELEPHONE: 616-465-5901
DATE: October 9, 1995
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MONTHLY OPERATING ACTIVITIES - SEPTEMBER 1995

HIGHLIGHTS

The unit entered this reporting period in Mode 3 at 0% RTP following the August 29 reactor trip.

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 September was 479160 MWH.

DETAILS

09-01-95	1123 EST	Plant cooldown commenced to resolve problems with NSO's and PORV limit switches.
09-01-95	2020 EST	Entered Mode 4.
09-02-95	0802 EST	Entered Mode 5.
09-04-95	0603 EST	Commenced RCS heatup following testing of PORV limit switches and maintenance on the NSO's.
09-04-95	0647 EST	Entered Mode 4.
09-04-95	1923 EST	Entered Mode 3.
09-07-95	0205 EST	Reactor taken critical.
09-07-95	0433 EST	Entered Mode 1.
09-08-95	0922 EST	Reactor power stabilized at 100% RTP.
09-08-95	2025 EST	Reactor tripped due to misoperation of reactor trip breaker A during surveillance testing.

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MONTHLY OPERATING ACTIVITIES - SEPTEMBER 1995

09-11-95	1545 EST	Entered Mode 2.
09-11-95	1631 EST	Reactor taken critical.
09-11-95	2032 EST	Entered Mode 1.
09-13-95	1500 EST	Reactor power stabilized at 100% RTP.
09-15-95	1800 EST	Reactor power decreased to 55% RTP in preparation for clamtrol treatment of the service water systems.
09-17-95	1515 EST	Reactor power stabilized at 100% RTP.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: SEPTEMBER 1995

UNIT NAME: D.C. COOK UNIT 2.
DATE: October 9, 1995
COMPLETED BY: G.F. Bussone
TELEPHONE: 616-465-5901
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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
247	950908	F	88.4	G	2	95-006	N/A	N/A	During Solid State Protection System train A testing, a reactor operator inadvertently manually tripped the reactor. Reactor power was returned to 100% RTP 091395.
248	950915	S	N/A	B	N/A	N/A	N/A	N/A	Reactor power was reduced to 55% RTP on 091595 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 0161)

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Exhibit I: Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: AUGUST 1995

REVISION 1 October 9, 1995
UNIT NAME: D.C. COOK UNIT 2
DATE: September 11, 1995
COMPLETED BY: G.F. Bussone
TELEPHONE: 616-465-5901
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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
244	950824	S	N/A	B	N/A	N/A	N/A	N/A	Reactor power was reduced to 80% RTP on 082495 to remove the #21 Circulating Water Pump from service to support diving operations on Unit 1. Reactor power was returned to 100% RTP 082595.
245	950826	F	45.7	A*	3	95-004*	SB*	LS*	On 082695 the reactor tripped due to a turbine trip caused by an MSR drain tank extreme high-high level. The main generator was paralleled to the grid at 2232 EST on 082795.
246	950829	F	63.6	G*	3	95-005*	CD*	RG*	On 082995 the reactor tripped due to loss of both Control Rod Drive Power Supply MG sets.

* Data updated 10/9/95

1	2	3	4	5
F: Forced S: Scheduled	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)	Method:- 1: Manual 2: Manual Scram 3: Automatic Scram 4: Other (Explain)	Exhibit G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) File (NUREG 0161)	Exhibit I: Same Source