

OPERATING DATA REPORT

DOCKET NO. 50-316
 DATE 12-3-80
 COMPLETED BY W. L. Gillett
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name: Donald C. Cook 2
2. Reporting Period: November 1980
3. Licensed Thermal Power (MWe): 3391
4. Nameplate Rating (Gross MWe): 1133
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1118
7. Maximum Dependable Capacity (Net MWe): 1082
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
-
9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____
-

Notes

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	8,040	25,560
12. Number Of Hours Reactor Was Critical	0	6,160.4	17,240.3
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	6,068.6	16,570.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	19,906.496	52,130.876
17. Gross Electrical Energy Generated (MWH)	0	6,457,370	16,611,780
18. Net Electrical Energy Generated (MWH)	0	6,228,971	15,996,383
19. Unit Service Factor	0	75.5	71.9
20. Unit Availability Factor	0	75.5	71.9
21. Unit Capacity Factor (Using MDC Net)	0	71.6	66.7
22. Unit Capacity Factor (Using DER Net)	0	70.4	66.0
23. Unit Forced Outage Rate	100	15.6	14.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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 UNIT POWER LEVEL

DOCKET NO. 50-316
 UNIT 2
 DATE 12-3-80
 COMPLETED BY W.T. Gillett
 TELEPHONE 616-465-5901

MONTH November 1980

DAY	AVERAGE DAILY POWER LEVEL (MWE-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWE-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

INSTRUCTIONS

On this format list the average daily unit power level in MWE-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1980

DOCKET NO. 50 - 316
 UNIT NAME D.C. Cook - Unit 2
 DATE 12-11-80
 COMPLETED BY B.A. Svensson
 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
89 Cont'd.	801018	F	720	A	3	N.A.	HA	GENERA	Electrical generator repair outage continued from previous month. The unit remained out of service at the end of the month. Return to service is scheduled for the week of December 8, 1980.

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 (NUREG-0161)

⁵
 Exhibit I - Same Source

POOR ORIGINAL

Docket No.: 50-316
Unit Name: D. C. Cook Unit #2
Completed By: R. S. Keith
Telephone: (616) 465-5901
Date: December 12, 1980
Page: 1 of 1

MONTHLY OPERATING ACTIVITIES - NOVEMBER, 1980

Highlights:

The unplanned outage that started October 18, 1980 with a Generator trip from 100% power continued the entire month.

The Unit was in Mode 5 the entire month with the Reactor Coolant System at the $\frac{1}{2}$ loop level for modification to the Reactor Coolant Pump Motor Oil System.

Summary:

Major repair work performed during this report period included:

- a) Replace 4 bars in main generator stator.
- b) Modification to main turbine bearing #2 housing.
- c) Inspection of Main Transformer instrumentation.
- d) Ice Condenser Ice Basket Weighing.
- e) Repairs to "A" Low Pressure Turbine Stop and Intercept Valves.
- f) Inspection of Moisture Separator.
- g) Installed new fasteners in Reactor Coolant Pump fire protection casings.
- h) Numerous repairs to correct packing gland and body to bonnet leaks on steam system valves.
- i) Installed additional grating in all low pressure turbine condensers.

DOCKET NO.	50 - 316
UNIT NAME	<u>D. C. Cook - Unit No. 2</u>
DATE	<u>12-11-80</u>
COMPLETED BY	<u>B. A. Svensson</u>
TELEPHONE	<u>(616) 465-5901</u>
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MAJOR SAFETY-RELATED MAINTENANCE

NOVEMBER, 1980

- M-1 The steam inlet flange to the auxiliary feedpump turbine was leaking. Replaced the flexitallic gasket. Studs were checked for cracks by nondestructive examination.
- M-2 No. 4 steam generator power operated relief valve, MRV-243 was leaking by. Replaced the cage and disc and machined the pilot disc. Proper valve operation was verified.
- M-3 East containment spray heat exchanger inlet isolation valve, CTS-121E was leaking by. Machined valve seats and reassembled with new gaskets.
- M-4 Containment spray header drain isolation valve, 2-CTS-123E was leaking by. A new valve was installed. Necessary NDE was performed.
- C&I-1 MRV-223, steam generator No. 2 power operated relief valve could only be opened 50% when controlled by the hand/auto station in the control room. The valve's positioner was repaired and the calibration was performed.
- C&I-2 The low alarm for the AB diesel generator intake air filter was periodically received. The transmittation thermostat control for the heater had failed. A failed capacitor was replaced. The thermostat and alarm unit were calibrated and returned to service.