OPERATING DATA REPORT

DOCKET NO. 50-315
DATE 12-3-80
COMPLETED BY W.T. Gillett
TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name: Donald C. Cook 1
2. Reporting Period: November 1980
3. Licensed Thermal Power (MWt): 3250
4. Nameplate Rating (Gross MWe): 1089
5. Design Electrical Rating (Net MWe): 1054
6. Maximum Dependable Capacity (Gross MWe): 1080
7. Maximum Dependable Capacity (Net MWe): 1044

Notes

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:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	8,040	51,864.0
12. Number Of Hours Reactor Was Critical	720	5,992.3	38,954.0
13. Reactor Reserve Shutdown Hours	0	0	463.0
14. Hours Generator On-Line	720	5,907.0	37,990.2
15. Unit Reserve Shutdown Hours	0	0	321.0
16. Gross Thermal Energy Generated (MWH)	2,293,722	18,326,826	107,393,132
17. Gross Electrical Energy Generated (MWH)	768,160	6,084,250	35,241,590
18. Net Electrical Energy Generated (MWH)	742,200	5,868,451	33,865,765
19. Unit Service Factor	100	73.5	76.5
20. Unit Availability Factor	100	73.5	76.5
21. Unit Capacity Factor (Using MDC Net)	98.7	69.9	67.5
22. Unit Capacity Factor (Using DER Net)	97.8	69.3	63.3
23. Unit Forced Outage Rate	0	7.2	7.0

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		

(4/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-315

UNIT 1

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	1035	17	1052
2	1051	18	1052
3	1052	19	1053
4	1051	20	1052
5	1051	21	1006
6	1052	22	955
7	1044	23	951
8	1042	24	951
9	1051	25	942
10	1051	26	959
11	1050	27	1018
12	1051	28	1052
13	1053	29	1053
14	1044	30	1053
15	1046	31	
16	1052		

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

DOCKET NO. 50 - 315
UNIT NAME D.C. Cook - Unit 1
DATE 12-11-80
COMPLETED BY B.A. Svensson
TELEPHONE (616) 465-5901

REPORT MONTH November, 1980

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
None									There were no unit shutdowns or significant power reductions during the month. The unit operated at essentially 100% power with the exception of a 10% power reduction from 801121 through 801127 due to a circulating water pump failure.

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 (NUREG-0161)

5
Exhibit I - Same Source

(9/77)

MONTHLY OPERATING ACTIVITIES - NOVEMBER, 1980

Highlights:

The Unit operated the entire month at 90 to 100% power.

Total electrical generation for the month was 768,610 MWHE.

Summary:

11/5/80 - Radiation Monitor R-32 was out of service for routine maintenance.

Radiation Monitor R-15 was out of service for 9.7 hours to replace the tube.

11/7/80 - Radiation Monitor R-15 was removed from service at 0345 to change out the detector.

11/8/80 - Radiation Monitor R-15 was returned to service at 1014.

11/10/80 - Radiation Monitor R-33 was out of service for 8 hours for repairs.

11/11/80 - 1AB Emergency Diesel Generator was out of service 4 hours for routine surveillance testing by loading to the grid.

11/12/80 - Radiation Monitor R-31/32 was out of service for 6 hours for routine maintenance.

11/13/80 - Ice Condenser Glycol return valve VCR-20 was out of service for 3.25 hours because it would not cycle full stroke.

Radiation Monitor R-15 was out of service 7.75 hours because of erratic operation.

11/18/80 - The number 13 Circulating Water Pump failed at 1248 hours. The Unit was maintained at 100% power and the circulating water was $<27^{o}F$ ΔT permitted by the Environmental Technical Specification.

11/19/80 - Radiation Monitor R-33 was removed from service at 0340.

Summary:
(cont.)

11/21/80 - Reactor power was reduced to bring circulating water ΔT less than 22+1°F required by the Environmental Technical Specifications. The Unit was stablized at 91% power, 985 MW Gross and Condenser ΔT 22.2°F.

Radiation Monitor R-33 was returned to service at 1530.

Radiation Monitor R-15 was removed from service at 1530.

11/28/80 - Radiation Monitor R-15 was returned to service at 0840.

11/29/80 - Radiation Monitor R-15 was out of service 5.25 hours for troubleshooting.

11/30/80 - The second Bus Duct Cooling Fan was placed in service to maintain the bus duct < 100°C.

DOCKET NO.	50 - 315
UNIT NAME	D. C. Cook - Unit No. 1
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MAJOR SAFETY-RELATED MAINTENANCE

NOVEMBER, 1980

M-1 Glycol return containment isolation valve, VCR-20 did not fully close when tested. Lubricated valve stem to prevent sticking. Proper valve operation was verified.

M-2 A ground indication on the "N" train battery was traced to auxiliary feedwater motor operated valve, FMO-241. Inspection of the valve operator revealed a wire pinched between the housing and a cover. The insulation was repaired and the valve was tested.

C&I-1 The low level alarm on accumulator No. 4 was received prior to the required actuation point. The setpoint of ILA-141 had drifted high. The alarm module was recalibrated to within specifications.

C&I-2 Radiation monitoring system channel R-33, gland steam condenser vent monitor would produce high alarms. The detector tube was replaced and a channel calibration was performed.

C&I-3 Radiation monitoring system channel R-15, condenser air ejector monitor indicated a higher than normal reading. The detector tube was replaced with a spare. A channel calibration was performed and the channel was returned to normal service.

C&I-4 Radiation monitoring system channel R-33 failed. The detector tube was replaced and a calibration was performed. Following recalibration, the check source could not be withdrawn. The limit switch for the insert mode was out of adjustment resulting in an improper connection for the check source power. Following adjustment, normal channel indication returned.

C&I-5 Reactor coolant system loop No. 4, cold leg temperature indication, on the control room recorder indicated a higher than normal temperature. The calibration of the recorder was tested and found to be out of specification. The recorder was recalibrated and correct temperature indication returned.