OPERATING DATA REPORT

DOCKET NO. 50-315
DATE 5-4-81
COMPLETED BY A. I. Tetzlaff
TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name: Donald C. Cook Unit 1
2. Reporting Period: April 1981
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
8. If Changes Occur in Capacity Ratings (Items Number 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 Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719.0 ~~720~~	2879 ~~2,880~~	55,487
12. Number Of Hours Reactor Was Critical	719.0 ~~720~~	2,753.1	42,274.1
13. Reactor Reserve Shutdown Hours	0	0	463
14. Hours Generator On-Line	719.0 ~~720~~	2,744.4	41,301.5
15. Unit Reserve Shutdown Hours	0	0	321
16. Gross Thermal Energy Generated (MWH)	2,336,161	8,817,877	118,044,883
17. Gross Electrical Energy Generated (MWH)	781,190	2,946,920	38,802,580
18. Net Electrical Energy Generated (MWH)	754,512	2,845,722	37,304,863
19. Unit Service Factor	100	95.3	77.5
20. Unit Availability Factor	100	95.3	77.5
21. Unit Capacity Factor (Using MDC Net)	100.5 ~~96.8~~	94.7 ~~92.8~~	69.1
22. Unit Capacity Factor (Using DER Net)	99.6 ~~95.3~~	93.9 ~~91.6~~	65.1
23. Unit Forced Outage Rate	0	.7	6.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling Outage 5-25-81 60 days

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		

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-315
UNIT 1
DATE 5-4-81
COMPLETED BY A. L. Tetzlaff
TELEPHONE 616-465-5901

MONTH April 1981

DAY	AVERAGE DAILY POWER LEVEL (MWE-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1052	17	1044
2	1052	18	1036
3	1051	19	1048
4	1050	20	1047
5	1050	21	1049
6	1050	22	1047
7	1049	23	1048
8	1050	24	1046
9	1050	25	1037
10	1048	26	1052
11	1041	27	1049
12	1048	28	1052
13	1049	29	1043
14	1049	30	1050
15	1049	31	----
16	1049		

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 April, 1981

DOCKET NO. 50-315
UNIT NAME D.C. Cook - Unit 1
DATE 5-13-81
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
None									There were no unit shutdowns or significant power reductions during the month. The unit operated at a capacity factor of 96.8% (using MDC net).

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)

Docket No.: 50-315
Unit Name: D. C. Cook Unit #1
Completed By: D. R. Campbell
Telephone: (616) 465-5901
Date: May 12, 1981
Page: 1 of 1

MONTHLY OPERATING ACTIVITIES - APRIL, 1981

UNIT ONE ACTIVITIES

The Unit operated at 100% for the full reporting period, except for reduction to 92% on three occasions to test the Main Turbine control valves. Each reduction period lasted about three hours.

GENERATION

The Unit generated 781,190 MWE during this reporting period.

DOCKET NO. 50 - 315
UNIT NAME D. C. Cook - Unit No. 1
DATE 5-13-81
COMPLETED BY B. A. Svensson
TELEPHONE (616) 465-5901
PAGE 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE

APRIL, 1981

M-1 Flexible conduit to motor operated auxiliary feed valve, FMO-241, appeared to be the cause of a ground indication on the "N" Train Battery. Replaced the flex conduit and ground was eliminated.

M-2 Replaced the hanger rod on hanger, 1-GESW-R-13, on ESW line for 1CD diesel.

C&I-1 The North Boric Acid Storage Tank overflowed at 87% level indication. The tank was drained and the level transmitter, QLA-410, was recalibrated. The amplifier board of the transmitter required replacement prior to completing the calibration. The panel meter also was found to be out of specification and was replaced.

C&I-2 PPP-301, Lower Containment Pressure Protection Channel indication differed from the other channels. The transmitter isolation valve was found closed. The valve was reopened and the channel was returned to normal.

C&I-3 The diaphragm of the actuator to the starting air valve on the CD diesel failed. The failed diaphragm was removed and a spare was installed.

C&I-4 Pressurizer Pressure Protection Set II Safety Injection Initiation Bistable, PB-456D, was replaced due to drift problems. The alarm points were set and the surveillance test was performed.

C&I-5 Fire Damper, HV-ASD-2, on the supply duct from the Aux Building supply air unit was inoperative. The fusible bulbs had blown but the dampers had not closed by their springs. The dampers were cleaned and checked and a linkage was replaced to restore operation.

C&I-6 While placing battery, 1-CD-2, on "equalize charge" many alarms came in. Faulty amplifier and power supply circuit boards were replaced to correct the "equalize charge" and "float" functions of the charger.

C&I-7 R-1, Control Room Radiation Area Monitor frequently alarmed "high" even though it was not indicating "high". A new low voltage (±15 VDC) power supply was installed to correct the problem.

C&I-8 FPI-254, "1" Motor Driven Aux Feedpump Discharge Pressure Gauge was pegged high. The current output would change only slightly as the pressure was varied. The printed circuit card in the transmitter was replaced to obtain a proper current variation. The transducer also required replacement to achieve calibration. Linearity of FPI-254 was corrected by replacement of the transmitter linearity resistor (118K -Ω).