

OPERATING DATA REPORT

DOCKET NO. 50-315
 DATE 6-3-81
 COMPLETED BY Al Tetzlaff
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name: D. C. Cook Unit 1
 2. Reporting Period: May 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	744	3623	56,231
12. Number Of Hours Reactor Was Critical	695	3448.1	42969.1
13. Reactor Reserve Shutdown Hours	0	0	463
14. Hours Generator On-Line	695	3438.4	41,995.5
15. Unit Reserve Shutdown Hours	0	0	371
16. Gross Thermal Energy Generated (MWH)	2,254,975	11,072,852	120,81,044
17. Gross Electrical Energy Generated (MWE)	751,840	3,728,110	39,554,420
18. Net Electrical Energy Generated (MWE)	726,323	38,031,186	38,031,186
19. Unit Service Factor	93.4	94.9	77.8
20. Unit Availability Factor	93.4	94.9	77.8
21. Unit Capacity Factor (Using MDC Net)	93.5	94.4	69.5
22. Unit Capacity Factor (Using DER Net)	92.6	93.5	65.6
23. Unit Forced Outage Rate	0	.5	6.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

15. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

16. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

U-1 Down For Refueling 2300 5-29-81

(1/77)

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH May 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1050	17	1052
2	1050	18	1049
3	1051	19	1047
4	1050	20	1043
5	1050	21	1048
6	1052	22	1047
7	1050	23	1045
8	1050	24	1045
9	1052	25	1045
10	1049	26	1040
11	1050	27	1038
12	1048	28	1035
13	1048	29	933
14	1048	30	—
15	1049	31	—
16	1050		

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 May, 1981

DOCKET NO. 50-315
 UNIT NAME D.C. Cook - Unit 1
 DATE 6-11-81
 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
171	810529	S	49.0	B&C	1	N.A.	ZZ	ZZZZZZ	The unit was removed from service at 2259 hours on 810529 for scheduled Cycle V - VI refueling and maintenance outage. The estimated duration of the outage is 62 days.

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

Docket No.: 50-315
Unit Name: D. C. Cook Unit #1
Completed By: D. R. Campbell
Telephone: (616) 465-5901
Date: Unit 10, 1981
Page: 1 of 1

MONTHLY OPERATING ACTIVITIES - MAY, 1981

UNIT ONE ACTIVITIES

The Unit operated at 100% power until 2235 hour, May 29, 1981 when we reduced power and removed the Unit from service for the upcoming Refueling Outage, we are presently in Mode 6.

GENERATION

The Unit generated 751,840 MW during this reporting period.

DOCKET NO.	<u>50 - 315</u>
UNIT NAME	<u>D. C. Cook - Unit No. 1</u>
DATE	<u>6-11-81</u>
COMPLETED BY	<u>B. A. Svensson</u>
TELEPHONE	<u>(616) 465-5901</u>
PAGE	<u>1 of 1</u>

MAJOR SAFETY-RELATED MAINTENANCE

MAY, 1981

- M-1 The safety injection pump discharge cross-tie valve, IMO-270, would not operate. Motor was found to be burned up. Replaced motor for the limiter torque valve actuator. Had valve tested.
- C&I-1 DFI-330, No. 3 steam generator blowdown sample line flow indication failed. The gasket and tube of the flow meter were replaced.
- C&I-2 The No. 5 gas decay tank pressure increased to 106 psig and the switching sequence did not function. The high pressure alarm was received at 99 psig. The pressure switch was recalibrated and the system was returned to normal.
- C&I-3 Radiation Monitoring System Channel R-15, Condenser Air Ejector Monitor increased from 800 cpm to 1500 cpm. The lab samples indicated the 800 cpm was correct. The detector tube was replaced and a channel calibration was performed.
- C&I-4 FPI-254, Unit 1 East Motor Driven Auxiliary Feedpump Discharge Pressure indication displayed 800 psig in the control room. The local test gauge indicated 1420 psig. The transmitters circuit board was replaced and the transmitter recalibrated.
- C&I-5 One channel of the containment dew point recorder indicated full scale. The sensing units required replacement. Correct operation of the system was verified.