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SUBJECT: Monthly operating repts for Feb 1997 for Donald C.Cook Nuclear Plant,Unit 1.W/970303 ltr.

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U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

March 3, 1997

Gentlemen,

Pursuant to the requirements of Donald C. Cook Nuclear Plant Unit 1 Technical Specification 6.9.1.10, the attached Monthly Operating Report for the month of February 1997 is submitted.

Sincerely,

J.R. Sampson
Plant Manager

/mr

Attachment

c: NRC Region III
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R.C. Callen
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INPO Records Center
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N.R.C. OPERATING DATA REPORT

DOCKET NO.	50 - 315
DATE	Mar. 3, 1997
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

Notes:

OPERATING STATUS

1. Unit Name	D. C. Cook Unit 1
2. Reporting Period	Feb-97
3. Licensed Thermal Power (MWt)	3250
4. Name Plate Rating (Gross MWe)	1152
5. Design Electrical Rating (Net MWe)	1020
6. Maximum Dependable Capacity (GROSS MWe)	1056
7. Maximum Dependable Capacity (Net MWe)	1000

8. If Changes Occur in Capacity Ratings (Items no. 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	Year-to-Date	Cumulative
11. Hours in Reporting Period	672.0	1416.0	194280.0
12. No. of Hrs. Reactor Was Critical	672.0	1416.0	148003.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	672.0	1416.0	145624.8
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Thermal Energy Gen. (MWH)	1928316.0	4268815.2	430073612.2
17. Gross Electrical Energy Gen. (MWH)	637820.0	1414080.0	139713990.0
18. Net Electrical Energy Gen. (MWH)	613492.0	1362477.0	134413838.0
19. Unit Service Factor	100.0	100.0	75.8
20. Unit Availability Factor	100.0	100.0	75.8
21. Unit Capacity Factor (MDC Net)	91.3	96.2	69.0
22. Unit Capacity Factor (DER Net)	89.5	94.3	67.3
23. Unit Forced Outage Rate	0.0	0.0	5.9

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):
Refueling outage to begin March 1, 1997 for an estimated duration of 48 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		

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	Mar. 3, 1997
COMPLETED BY	JW Minor
TELEPHONE	616-465-5901

AVERAGE DAILY POWER LEVEL (MWe-Net)

FEBRUARY 1997

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
2/1/97	1007	2/17/97	955
2/2/97	1007	2/18/97	935
2/3/97	1005	2/19/97	915
2/4/97	1005	2/20/97	895
2/5/97	1007	2/21/97	877
2/6/97	1007	2/22/97	854
2/7/97	1006	2/23/97	831
2/8/97	1006	2/24/97	812
2/9/97	1005	2/25/97	718
2/10/97	1006	2/26/97	651
2/11/97	1008	2/27/97	601
2/12/97	1005	2/28/97	465
2/13/97	1006		
2/14/97	1005		
2/15/97	992		
2/16/97	977		

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	Mar. 3, 1997
COMPLETED BY	ME Russo
TELEPHONE	616-697-5100
PAGE	1 of 1

MONTHLY OPERATING ACTIVITIES - FEBRUARY 1997

HIGHLIGHTS

The unit entered this reporting period in Mode 1 at 97% RTP.

Commenced Reactor power coastdown February 15, 1997 at 0000 in preparation for the upcoming refueling outage. Reactor power was stabilized at 51% RTP February 27, 1997 at 2235 for planned Steam Generator safety valve testing.

The unit exited this reporting period in Mode 1 at 30% RTP and reducing power in preparation for the March 1, cycle 15 to 16 maintenance and refueling outage.

There were no challenges to the pressurizer safety valves or power operated relief valves.

Gross electrical generation for the month of February was 637820 MWH.

DETAILS

02-15-97	0000	Commenced Reactor power coastdown in preparation for the cycle 15 to 16 refueling outage.
02-27-97	1112	Commenced Reactor power decrease for planned Steam Generator safety valve testing.
	2235	Reactor power stabilized at 51% RTP.
	2244	Commenced Steam Generator safety valve testing.
02-28-97	0609	Steam Generator safety valve testing complete.
	2040	Commenced Reactor power decrease in preparation for the cycle 15 to 16 refueling outage.

DOCKET NO.	50 - 315
UNIT NAME	D.C. Cook Unit 1
DATE	Mar. 3, 1997
COMPLETED BY	ME Russo
TELEPHONE	616-697-5100
PAGE	1 of 1

UNIT SHUTDOWNS AND POWER REDUCTIONS - FEBRUARY 1997

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
329	021597	S	N/A	B,C	N/A	N/A	N/A	N/A	Reactor power coastdown/reduction commenced 021597 at 0000 in preparation for the 030197 commencement of the cycle 15-16 refueling and maintenance outage.

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)

5
Exhibit I: Same Source