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 FACILITY: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
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 RECIP. NAME: RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Oct 1992 for D.C. Cook Unit 1.
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Indiana Michigan
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Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
616 465 5901



INDIANA
MICHIGAN
POWER

November 6, 1992

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

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 October 1992 is submitted.

Respectfully,

A. Alan Blind
A.A. Blind
Plant Manager

Attachment

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11/11

N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315
 DATE 11-Nov-92
 COMPLETED BY DG Turner
 TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
2. Reporting Period October 92
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

notes

Rev. 1

9. Power Level To Which Restricted. If Any (Net MWe)
10. Reasons For Restrictions. If Any:

	This Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	745.0	7321.0	156337.0
12. No. of Hrs. Reactor Was Critical	132.2	4289.1	115430.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	71.9	4228.8	113384.6
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	79724	11809652	330994342
17. Gross Elect. Energy Gen. (MWH)	17930	3764460	107510220
18. Net Elect. Energy Gen. (MWH)	15477	3610964	103382673
19. Unit Service Factor	9.7	57.8	73.5
20. Unit Availability Factor	9.7	57.8	73.5
21. Unit Capacity Factor (MDC Net)	2.1	49.3	65.7
22. Unit Capacity Factor (DER Net)	2.0	48.3	64.0
23. Unit Forced Outage Rate	0.0	0.0	6.6
24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):	None		

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 POWER LEVEL (MWe-Net)

DOCKET NO. 50-315
 UNIT ONE
 DATE 03-Nov-92
 COMPLETED BY DG Turner
 TELEPHONE 616-465-5901

MONTH October 92

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
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	2
13	0	29	137
14	0	30	160
15	0	31	346
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: October 1992

UNIT NAME: D.C. COOK UNIT 1
DATE: November 4, 1992
COMPLETED BY: G.J. Costello
TELEPHONE: (616) 465-5901

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
301 Cont'd	920622	S	650.1	B/C	1	N/A	N/A	N/A	The unit was removed from service on 920692 at 0443 hours EDT for the cycle 12 to 13 refueling/maintenance outage. All refueling and maintenance activities have been completed and the turbine generator was paralleled to the grid on 921028 at 0105 hours. Total length of the outage was 3,069.4 hours.
302	921028	F	20.8	H	3	LER 92-12	JC	DET	During the initial power escalation, with the reactor power at 16%, a turbine trip followed by a reactor trip occurred at 0253 hours on 921028. The turbine trip was caused by the turbine thrust bearing wear detection device being out of adjustment. Following adjustments and testing, the unit was paralleled at 2342 hours the same day.

1

2

F: Forced
S: Scheduled

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: October 1992

UNIT NAME: D.C. COOK UNIT 1
DATE: November 4, 1992
COMPLETED BY: G.J. Costello
TELEPHONE: (616) 465-5901

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
October Cont'd									
303	921029	S	2.2	B	1	N/A	N/A	N/A	The turbine generator was removed from parallel to perform turbine overspeed testing. The testing was successfully completed and the unit was reparalleled to the grid at 0036 hours on 921030.

1	2	3	4	5
F: Forced	Reason:	Method:	Exhibit G - Instructions	Exhibit I: Same Source
S: Scheduled	A: Equipment Failure (Explain)	1: Manual	for preparation of data	
	B: Maintenance or Test	2: Manual Scram	entry sheets for Licensee	
	C: Refueling	3: Automatic Scram	Event Report (LER) File	
	D: Regulatory Restriction	4: Other (Explain)	(NUREG 0161)	
	E: Operator Training and License Examination			
	F: Administrative			
	G: Operational Error (Explain)			
	H: Other (Explain)			

DOCKET NO: 50-315
UNIT NAME: D.C. Cook Unit 1
COMPLETED BY: G.J. Costello
TELEPHONE: (616) 465-5901
DATE: November 4, 1992
PAGE: 1 of 2

MONTHLY OPERATING ACTIVITIES - OCTOBER 1992

HIGHLIGHTS

The unit entered the reporting period in Mode 5, cold shutdown. The reactor was taken critical on October 25, 1992 at 2140 for the first time in cycle 13. Low power physics testing was completed October 26, 1992 at 1605. The first entry into Mode 1 was made on October 27, 1992 at 0327.

The turbine generator was paralleled to the grid on October 28, 1992 at 0105. During the subsequent power increase at about 16% RTP, a turbine trip occurred followed by a reactor trip from the turbine trip. The turbine trip was caused by the turbine thrust bearing wear detection device being out of adjustment.

The reactor was taken critical on October 28, 1992 at 1657, and Mode 1 was entered at 2042 followed by the parallel to the grid at 2342 the same day. Reactor power was increased to 28% RTP and then reduced to remove the main turbine from service for overspeed testing. Following the overspeed testing, the turbine generator was paralleled to the grid on October 30, 1992 at 0036 and a power increase was commenced per the power ascension program.

The unit exited this reporting period in Mode 1 at 48% RTP.

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

Gross electrical generation for the month of October was 17930 MWH.

DETAILS

10-11-92	1640	Commenced RCS heatup.
	1705	The RCS is in Mode 4.
10-17-92	0517	The RCS is in Mode 3.
10-24-92	0947	RCS is at no-load rated pressure and temperature.
10-25-92	2032	The reactor is in Mode 2.
	2140	The reactor is critical - first time in cycle 13.
10-26-92	1605	Low power physics testing is complete.



Handwritten notes in the top right corner, including the word "H" and several small, illegible characters.