REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8802050015 DOC. DATE: 87/12/31 NOTARIZED: NO DOCKET #
FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315
AUTH. NAME AUTHOR AFFILIATION
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RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Dec 1987. W/880108 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 6
TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR	COPIES ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR	COPIES ENCL
	PD3-3 LA	1	0	PD3-3 PD	5	5
	WIGGINGTON, D	1	0			
INTERNAL:	AEOD/DOA	1	1	AEOD/DSP/TPAB	1	1
	ARM TECH ADV	2	2	NRR/DLPQ/PEB	1	1
	NRR/DOEA/EAB	1	1	NRR/DREP/RPB	1	1
	NRR/PMAS/ILRB	1	1	REG FILE 01	1	1
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N.R.C. OPERATING DATA REPORT

DOCKET NO. 50-315
DATE 1/6/88
COMPLETED BY H. Giles
TELEPHONE 616-465-5901

OPERATING STATUS

1. Unit Name D. C. Cook Unit 1
2. Reporting Period DEC87
3. Licensed Thermal Power (MWt) 3250
4. Name Plate Rating (Gross MWe) 1152
5. Design Electrical Rating (Net MWe) 1030
6. Maximum Dependable Capacity (GROSS MWe) 1056
7. Maximum Dependable Capacity (Net MWe) 1020

notes

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 Mo.	Yr. to Date	Cumm.
11. Hours in Reporting Period	744.0	8760.0	113952.0
12. No. of Hrs. Reactor Was Critical	744.0	6000.6	81826.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	463.0
14. Hours Generator on Line	744.0	5922.8	80241.4
15. Unit Reserve Shutdown Hours	0.0	0.0	321.0
16. Gross Therm. Energy Gen. (MWH)	2096851	16005334	232637843
17. Gross Elect. Energy Gen. (MWH)	683500	5560570	76456440
18. Net Elect. Energy Gen. (MWH)	656519	5371490	73568721
19. Unit Service Factor	100.0	67.6	71.6
20. Unit Availability Factor	100.0	67.6	71.6
21. Unit Capacity Factor (MDC Net)	86.5	60.1	64.4
22. Unit Capacity Factor (DER Net)	85.7	59.5	62.3
23. Unit Forced Outage Rate	0.0	5.8	8.3

24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration):
Ice condenser surveillance outage to begin on April 2, 1988 for an estimated duration of 10 days.

25. If Shut Down At End of Report Period, Estimated Date of Startup:

26. Units in Test Status (Prior to Commercial Operation):

	Forcast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

IE24
1/1

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO. 50-315
UNIT ONE
DATE 1/6/88
COMPLETED BY H. Giles
TELEPHONE 616-465-5901

MONTH DEC87

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	922	17	922
2	920	18	922
3	922	19	922
4	921	20	921
5	923	21	921
6	921	22	921
7	923	23	921
8	923	24	900
9	924	25	545
10	923	26	524
11	922	27	531
12	921	28	887
13	923	29	924
14	922	30	921
15	921	31	922
16	922		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER

DOCKET NO. 50-315
UNIT NAME D.C. Cook Unit 1
DATE January 8, 1988
COMPLETED BY J. L. St. Amand
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
265	871224	S	0	H	4	N/A	HF	HTEXCH	Power was reduced from 90% to 56% to allow cleaning of the main feedpump condensers. Following cleaning, power was increased to 90%.

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: A. S. Puplis
TELEPHONE: (616) 465-5901
DATE: January 8, 1988
PAGE: 1 of 1

MONTHLY OPERATING ACTIVITIES - DECEMBER 1987

HIGHLIGHTS:

The reporting period began with the unit in Mode 1 at 90% of rated thermal power. The unit remained at 90% power until 1730 on 12-24-87, at which time a power reduction to 56% was initiated for cleaning of the East and West Feed Pump Turbine Condensers. The unit reached 56% power at 0240 on 12-25-87. A power increase to 90% was started at 2138 on 12-27-87 and terminated at 0509 on 12-28-87 when the unit reached 90% rated thermal power.

The reporting period ended with the unit at 90% of rated thermal power.

Gross electrical generation was 683,500 MWH for the month.

SUMMARY

12-29-87	1053	Containment integrity at containment penetration No. 67 was broken for performance of a surveillance test procedure. The limiting condition of operations for Technical Specification 3.6.1.1 was entered. At 1106 the same day containment integrity was re-established.
12-31-87	0253	Technical Specification 3.0.3 was voluntarily entered to cycle a motor operated valve for normal surveillance testing.
	0305	Pressurizer relief valve block valve was declared inoperable because the valve closure time could not be determined. The valve was closed, and the power supply isolated to satisfy the requirements of Technical Specification 3.4.1.1.

DOCKET NO.	50-315
UNIT NAME	D. C. Cook - Unit No. 1
DATE	January 8, 1988
COMPLETED BY	J. L. St. Amand
TELEPHONE	(616) 465-5901
PAGE	1 of 1

MAJOR SAFETY-RELATED MAINTENANCE

DECEMBER, 1987

M-1 1-DCR-310 (Steam Generator 3 Blowdown Containment Isolation Valve) had a body-bonnet leak. The valve was disassembled, inspected, and reassembled with new intervals. The valve tested satisfactorily.

Indiana Michigan
Power Company
Cook Nuclear Plant
P.O. Box 458
Bridgman, MI 49106
616 465 5901

AEP
INDIANA
MICHIGAN
POWER

Director, Office Of Management Information
and Program Control
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

January 8, 1988

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 December, 1987 is submitted.

Sincerely,

W. G. Smith, Jr.
Plant Manager

WGS/jd

cc: J. E. Dolan
M. P. Alexich
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