

CLEVELAND ELECTRIC ILLUMINATING COMPANY

PERRY NUCLEAR POWER PLANT

December 1 - December 31, 1986

MONTHLY OPERATING REPORT TO NRC

DOCKET NUMBER: 50-440

LICENSE NUMBER: NPF-58

Submitted By:

FR Stead

Plant Technical Manager

M. D. Hyster

Plant Operations Manager

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December 1986 Operation Summary

The plant entered Operational Condition 4 on December 1, since all possible Heat-up Plateau low power testing had been completed. As of December 4, all Heat-up Plateau test packages had been approved and the plant remained in Operational Condition 4, awaiting the decision of the United States Court of Appeals for the Sixth Circuit regarding the stay of full power operation for Perry. Maintenance and other activities were performed until December 14, when the plant was returned to Operational Condition 2. Power was increased on December 19 to 4.91% and the generator was synchronized with the grid resulting in Perry's initial electrical generation. Following the planned one hour generation at approximately 16 MWe, the plant was returned to Operational Condition 4.

The U.S. Court of Appeals for the Sixth Circuit vacated the full power stay against Perry on December 23, and on December 29, the plant was placed in Operational Condition 1 for the first time. A second synchronization of the generator occurred on December 30, yielding an average net generation of 140.5 MWe with reactor power at 17% during the time on line. The turbine was manually tripped after one and a half hours due to vibration on a turbine bearing. Increased conductivity levels in the reactor water due to main condenser tube leakage on the evening of December 30 resulted in a manual reactor shutdown to Operational Condition 4 to make necessary repairs.

Average Daily Unit Power Level

DOCKET NO. 50-440

UNIT Perry - One

DATE 1/7/87

COMPLETED BY T. L. Farmer

TELEPHONE (216) 259-3737

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</u>		

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.

Operating Data Report

DOCKET NO. 50-440

DATE 1/7/87

COMPLETED BY T. L. Farmer

TELEPHONE (216) 259-3737

OPERATING STATUS

1. Unit Name: Perry-One
2. Reporting Period: December 1986
3. Licensed Thermal Power (MWt): 3,579
4. Nameplate Rating (Gross MWe): 1250
5. Design Electrical Rating (Net MWe): 1205
6. Maximum Dependable Capacity (Gross MWe): N/A
7. Maximum Dependable Capacity (Net MWe): N/A
8. If Changes Occur in Capacity Ratings (Item Numbers 3 through 7) Since Last Report. Give Reasons:
None
9. Power Level To Which Restricted. If Any (Net MWe): See Item 10.
10. Reasons for Restrictions. If Any: Prior to December 23, 1986 restricted to 5% thermal power (178 MWt) due to Sixth Circuit Court of Appeals stay on full-power operation.

	This Month	Yr-to-Date	Cumulative
	Forecast	Achieved	
INITIAL CRITICALITY		<u>06/06/86</u>	
*INITIAL ELECTRICITY		<u>12/19/86</u>	
**COMMERCIAL OPERATION	<u>11/13/86</u>		

*Generator Synchronization

**End Power Ascension (100 Hour Warranty Run)

N/A - Not applicable until commercial operation

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December

DOCKET NO. 50-440
UNIT NAME Perry-One
DATE 1/1/81
COMPLETED BY T. L. Farmer
TELEPHONE (216) 259-3737

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

¹F: Forced
S: Scheduled

²Reason:
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)

³Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)

⁴Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG
1022)

⁵Exhibit I-Same Source

Nuclear Licensing Section Review/Request Buck Slip

PY-CEI / NRR - 0576 L

(Letter Number)

MONTHLY OPERATING REPORT (DEC)

(Letter Subject)

INPUT RECEIVED FROM/ AND/ OR DRAFT REVIEWED BY:

R. Newkirk - SB314 N/AB. Walrath (OIE) - S150 N/A

PLEASE REVIEW AND/ OR COMMENT ON THE ATTACHED:

E. M. Buzzelli

EMB

M. Lyster

SEE MONTHLY REPORT

F. R. Stead

SEE MONTHLY REPORT

ANY QUESTIONS, PLEASE CONTACT:

N. J. LEHMANExt. 6001FSAR Impact? No X *Yes _____

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THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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MURRAY R. EDELMAN
SR. VICE PRESIDENT
NUCLEAR

January 14, 1987
PY-CEI/NRR-0576 L

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

Perry Nuclear Power Plant
Docket No. 50-440
Monthly Operating Report

Dear Sir:

Attached is the December, 1986 monthly operating report for Perry Unit 1. This report is submitted in accordance with Technical Specification 6.9.1.8.

Please feel free to contact me if you have any questions.

Very truly yours,

Murray R. Edelman
Senior Vice President
Nuclear Group

Enclosure

MRE:njc

cc: Jay Silberg, Esq.
Paul Leech (2)
K. Connaughton
Mr. Lee Hiller (Office of Management and Program Analysis)
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