



**PERRY NUCLEAR POWER PLANT**

10 CENTER ROAD  
PERRY, OHIO 44081  
(216) 259-3737

Mail Address:  
PO BOX 97  
PERRY, OHIO 44081

**Robert A. Stratman**  
VICE PRESIDENT - NUCLEAR

January 14, 1994  
PY-CEI/NRR-1733 L

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

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

Gentlemen:

Attached is the December 1993 Monthly Operating Report for Perry Unit 1. This report is submitted in accordance with Technical Specification 6.9.1.8.

If you have questions or require additional information, please contact Henry Hegrat - Regulatory Affairs, at (216) 259-3737 extension 5606.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Robert A. Stratman', written over a horizontal line.

RAS:DWC:sc

Attachment

cc: NRC Project Manager  
NRC Resident Inspector Office  
NRC Region III  
Director, Office of Resource Management

210065

Operating Companies  
Cleveland Electric Illuminating  
Toledo Edison

9401240149 931231  
PDR ADOCK 05000440  
R PDR

JE24

CLEVELAND ELECTRIC ILLUMINATING COMPANY

PERRY NUCLEAR POWER PLANT

December 1, 1993 - December 31, 1993

MONTHLY OPERATING REPORT TO NRC

DOCKET NUMBER : 50-440

LICENSE NUMBER: NPF-58

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Average Daily Unit Power Level

DOCKET NO. 50-440  
UNIT Perry-1  
DATE 01/14/94  
Contact H. L. Hegrat  
Telephone (216)259-3737

MONTH December 1993

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>1193</u>	17	<u>1193</u>
2	<u>584</u>	18	<u>1184</u>
3	<u>0</u>	19	<u>1151</u>
4	<u>0</u>	20	<u>1198</u>
5	<u>0</u>	21	<u>1198</u>
6	<u>0</u>	22	<u>1200</u>
7	<u>0</u>	23	<u>1201</u>
8	<u>0</u>	24	<u>1200</u>
9	<u>0</u>	25	<u>1199</u>
10	<u>0</u>	26	<u>1169</u>
11	<u>0</u>	27	<u>1200</u>
12	<u>0</u>	28	<u>1198</u>
13	<u>0</u>	29	<u>1197</u>
14	<u>44</u>	30	<u>1197</u>
15	<u>635</u>	31	<u>1196</u>
16	<u>1136</u>		

Operating Data Report

UNIT: Perry-1  
 DATE: 01/14/94

OPERATING STATUS

1. Docket: 50-440
2. Reporting Period: December 1993
3. Utility Contact: H. L. Hegrat
4. Licensed Thermal Power (MWt): 3579
5. Nameplate Rating (Gross MWe): 1250
6. Design Electrical Rating (Net MWe): 1191
7. Maximum Dependable Capacity (Gross MWe): 1225
8. Maximum Dependable Capacity (Net MWe): 1166
9. If changes occur in capacity ratings (Item Numbers 4 through 8) since last report, give reasons:  
None
10. Power Level To Which Restricted, If Any (Net MWe): 100%
11. Reasons for Restrictions, If Any: Operating License Limit

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
12. Hours In Reporting Period	<u>744.0</u>	<u>8,760.0</u>	<u>53,652.0</u>
13. Hours Reactor Was Critical	<u>542.1</u>	<u>4,219.2</u>	<u>37,531.4</u>
14. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
15. Hours Generator On-Line	<u>460.8</u>	<u>3,856.4</u>	<u>36,135.6</u>
16. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
17. Gross Thermal Energy (MWH)	<u>1,556,335</u>	<u>12,390,789</u>	<u>122,880,760</u>
18. Gross Electrical Energy (MWH)	<u>538,756</u>	<u>4,208,995</u>	<u>42,224,992</u>
19. Net Electrical Energy (MWH)	<u>510,526</u>	<u>3,973,212</u>	<u>40,092,929</u>
20. Unit Service Factor	<u>61.9%</u>	<u>44.0%</u>	<u>67.4%</u>
21. Unit Availability Factor	<u>61.9%</u>	<u>44.0%</u>	<u>67.4%</u>
22. Unit Capacity Factor (Using MDC Net)	<u>58.8%</u>	<u>38.9%</u>	<u>64.8%</u>
23. Unit Capacity Factor (Using DER Net)	<u>57.6%</u>	<u>38.1%</u>	<u>62.7%</u>
24. Unit Forced Outage Rate	<u>38.1%</u>	<u>37.8%</u>	<u>12.5%</u>
25. Forced Outage Hours	<u>283.2</u>	<u>2,347.7</u>	<u>5,138.8</u>
26. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each): <u>Perry-1 will be shutdown in February 1994, for Refueling Outage #4.</u>			
27. If Shut Down at end of Report Period, Estimated Date of Startup: <u>N/A</u>			

CODED/8144

UNIT SHUTDOWN AND POWER REDUCTIONS

REPORT MONTH December 1993

DOCKET NO. 50-440  
 UNIT NAME Perry - 1  
 DATE 01/14/94  
 CONTACT H.L. Hegrat  
 TELEPHONE (216)259-3737

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action to Prevent Recurrence
93-5	12/02/93	F	283.2	A	1	N/A	AD	N/A	Perry-1 was shutdown to repair the Reactor Recirculation Pump "A" Seals.

SUMMARY: Perry-1 began the month operating at or near full power. On December 2, 1993, the unit was shutdown to repair the Reactor Recirculation Pump "A" Seals. The unit was synchronized to the grid on December 14, 1993, and ended the month at full power.

- <sup>1</sup> F: Forced  
 S: Scheduled
- <sup>2</sup> 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)

- <sup>3</sup> Method:  
 1-Manual  
 2-Manual Scram  
 3-Automatic Scram  
 4-Continued  
 5-Reduced Load  
 9-Other

- <sup>4</sup> Exhibit G-Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG1022)

- <sup>5</sup> Exhibit I-Same Source