



# THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

P.O. BOX 97 ■ PERRY, OHIO 44081 ■ TELEPHONE (216) 259-3737 ■ ADDRESS-10 CENTER ROAD  
FROM CLEVELAND: 479-1260 ■ TELEX: 241599  
ANSWERBACK: CEI PRYO

*Serving The Best Location in the Nation*  
PERRY NUCLEAR POWER PLANT

May 15, 1990  
PY-CEI/NRR-1176 L

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

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

Dear Sir:

Attached is the April 1990 Monthly Operating Report for Perry Unit 1. This report is submitted in accordance with Technical Specification 6.9.1.8.

If there are any questions, please feel free to call.

Sincerely,

Michael D. Lyster  
Vice President - Nuclear  
Perry Nuclear Power Plant

MDL:njc

Attachment

cc: T. Colburn  
USNRC Senior Resident Inspector - Perry  
USNRC, Region III  
Director, Office of Resource Management

9005180103 900430  
PDR ADOCK 05000440  
R PDC

11  
1034

CLEVELAND ELECTRIC ILLUMINATING COMPANY

PERRY NUCLEAR POWER PLANT

April 1, 1990 - April 30, 1990

MONTHLY OPERATING REPORT TO NRC

DOCKET NUMBER : 50-440

LICENSE NUMBER: NPF-58

Table of Contents

Average Daily Unit Power Level . . . . .	1
Operating Data Report . . . . .	2
Unit Shutdowns and Power Reductions . . . . .	3

Average Daily Unit Power Level

DOCKET NO. 50-440  
UNIT Perry-1  
DATE 05/15/90  
Contact H.L. Hegrat  
Telephone (216)259-3737

MONTH April 1990

<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>1006</u>	17	<u>1195</u>
2	<u>1190</u>	18	<u>1196</u>
3	<u>1192</u>	19	<u>1186</u>
4	<u>1195</u>	20	<u>1188</u>
5	<u>1196</u>	21	<u>1194</u>
6	<u>1195</u>	22	<u>1186</u>
7	<u>898</u>	23	<u>1190</u>
8	<u>997</u>	24	<u>1182</u>
9	<u>634</u>	25	<u>1175</u>
10	<u>1100</u>	26	<u>1176</u>
11	<u>1195</u>	27	<u>1178</u>
12	<u>1200</u>	28	<u>1174</u>
13	<u>1198</u>	29	<u>819</u>
14	<u>1194</u>	30	<u>1092</u>
15	<u>1186</u>	31	<u>N/A</u>
16	<u>1194</u>		

Operating Data Report

UNIT: PERRY-1  
 DATE: 05/15/90

OPERATING STATUS

1. Docket: 50-440
2. Reporting Period: April 1990
3. Utility Contact: H.L. Hegrat (216) 259-3737
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): 1200
8. Maximum Dependable Capacity (Net MWe): 1141
9. If changes occur in capacity ratings (Item Numbers 4 through 8) since last report, give reasons:  
N/A
10. Power Level To Which Restricted, If Any (Net MWe): 100%
11. Reasons for Restrictions, If Any: Technical Specification Limit

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
12. Hours In Reporting Period	<u>719.0</u>	<u>2,879.0</u>	<u>21,467.0</u>
13. Hours Reactor Was Critical	<u>719.0</u>	<u>2,671.2</u>	<u>15,418.7</u>
14. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
15. Hours Generator On-Line	<u>719.0</u>	<u>2,627.8</u>	<u>14,846.3</u>
16. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
17. Gross Thermal Energy (MWH)	<u>2,453,286</u>	<u>9,149,758</u>	<u>50,274,086</u>
18. Gross Electrical Energy (MWH)	<u>853,210</u>	<u>3,193,488</u>	<u>17,333,945</u>
19. Net Electrical Energy (MWH)	<u>813,609</u>	<u>3,045,692</u>	<u>16,431,785</u>
20. Unit Service Factor	<u>100.0%</u>	<u>91.3%</u>	<u>69.2%</u>
21. Unit Availability Factor	<u>100.0%</u>	<u>91.3%</u>	<u>69.2%</u>
22. Unit Capacity Factor (Using MDC Net)	<u>99.2%</u>	<u>92.7%</u>	<u>67.1%</u>
23. Unit Capacity Factor (Using DER Net)	<u>95.0%</u>	<u>88.8%</u>	<u>64.3%</u>
24. Unit Forced Outage Rate	<u>0%</u>	<u>2.7%</u>	<u>9.5%</u>
25. Forced Outage Hours	<u>0</u>	<u>72.0</u>	<u>1,558.9</u>
26. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):			

Second refuel outage scheduled to commence on September 7, 1990 for 76 days.

27. If Shut Down at end of Report Period, Estimated Date of Startup:  
N/A

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH April 1990

DOCKET NO. 50-440  
 UNIT NAME Perry-1  
 DATE 05/15/90  
 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 #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
90-04	3/31	S	0	B	4	N/A	N/A	N/A	Power reduction to 75% to plug leaking tubes in the "A" train of the IP condenser.
90-05	4/7	S	0	B	5	N/A	N/A	N/A	Power reduction to 75% power to plug tube leaks in the "B" train of IP condenser.
90-06	4/8	F	0	A	5	N/A	N/A	N/A	Power reduction to 25% to repair tube leaks in "A" train of IP condenser.
90-07	4/29	S	0	B	5	N/A	N/A	N/A	Repair of Main Steam Reheater (MSR) "2B" steam leaks.

**SUMMARY:** During April 1990, Perry-1 began the month at 75% power due to a power reduction on 3/31/90 to repair leaking tubes in the IP condenser. Three additional downpowers occurred during the month to repair condenser tube leaks and MSR steam leaks. The unit 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 C - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 1022)

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