

Mark B. Bezilla  
Vice President

440-280-5382  
Fax: 440-280-8029

June 9, 2009  
PY-CEI/OEPA-0508L

Ohio Environmental Protection Agency  
Division of Water Pollution Control  
Enforcement Section, ES/DMR  
P.O. Box 1049  
Columbus, Ohio 43216-1049

SUBJECT:  
Perry Nuclear Power Plant, May NPDES Discharge Monitoring Report

Enclosed are the Perry Nuclear Power Plant, NPDES monthly report forms for the month of May 2009. No violations occurred during this period.

If you have questions or require additional information, please contact Mr. Randall Killing at (440) 280-7370.

Sincerely,



Mark B. Bezilla

Enclosures:

- A Station Code 004 Report
- B Station Code 094 Report
- C Station Code 601 Report
- D Station Code 602 Report
- E Station Code 800 Report

cc: NRC Region III  
NRC Resident Inspector  
NRR Project Manager  
NRC Document Control Desk (Docket No. 50-440)

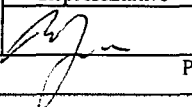
JEAS  
NRR

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**FACILITY:** FirstEnergy Perry Nuclear Power Plt  
**LOCATION:** 10 Center Rd  
 North Perry, 44081  
**COUNTY:** Lake  
**DISTRICT:** NEDO

**PERMIT NUMBER:** 31B00016\*ID  
**STATION CODE:** 004  
**MONITORING PERIOD :** 2009-05-01 To: 2009-05-31  
**REPORTING LAB:** CCB125  
**ANALYST:** Randall Killing  
**NO DISCHARGE INDICATOR:**

PARAMETER	Water Temperature	Flow Rate	pH	Zinc, Total Recoverable	Copper, Total Recoverable	Oxidants, Total Residual	Chlorine, Total Residual
PARAMETER CODE	00011	50050	00400	01094	01119	34044	50060
UNITS	4103	4108	6653	4107	4107	4106	4106
FREQUENCY	1/Day	1/Day	2/Week	1/Month	1/Month	When Disch.	When Disch.
SAMPLING TYPE	Continuous	Continuous	Grab	Grab	Grab	Grab	Grab
2009-05-01	55	92.4	8.06			AH	AA 0.05
2009-05-02	55	89.9				AH	AA 0.05
2009-05-03	57	91.8				AH	AA 0.05
2009-05-04	57	96.4				AH	AA 0.05
2009-05-05	55	96.2	8.04			AH	AA 0.05
2009-05-06	53	95.9		AA 6.0	AA 4.0	AH	AA 0.05
2009-05-07	52	95.4				AH	AA 0.05
2009-05-08	52	93.6	8.02			AH	AA 0.05
2009-05-09	55	94.1				AH	AA 0.05
2009-05-10	56	104.7				AH	AA 0.05
2009-05-11	58	97.9				AH	AA 0.05
2009-05-12	56	94.4	8.03			AH	AA 0.05
2009-05-13	56	89.4				AH	AA 0.05
2009-05-14	57	72.9				AH	0.11
2009-05-15	59	78.8	8.21			AH	AA 0.05
2009-05-16	60	74.0				AH	AA 0.05
2009-05-17	61	75.6				AH	AA 0.05
2009-05-18	62	74.1				AH	AA 0.05
2009-05-19	61	84.6	8.23			AH	AA 0.05
2009-05-20	62	72.4				AH	AA 0.05
2009-05-21	67	58.2				AH	AA 0.05
2009-05-22	69	50.9	8.79			AH	AA 0.05
2009-05-23	68	53.6				AH	AA 0.05
2009-05-24	67	49.9				AH	0.05
2009-05-25	66	54.4				AH	AA 0.05
2009-05-26	65	54.0	8.68			AH	AA 0.05
2009-05-27	66	52.6				AH	AA 0.05
2009-05-28	71	67.5				AH	AA 0.05
2009-05-29	67	71.3	8.56			AH	AA 0.05
2009-05-30	67	72.0				AH	AA 0.05
2009-05-31	67	73.8				AH	AA 0.05

<b>Name/Title of Responsible Official or Authorized Representative</b>	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	<b>Signature of Responsible Official or Authorized Representative</b>	<b>Date (MM/DD/YY)</b>
VP Nuclear			5/2/09

When completed mail this report to: EDMR Administrator, EDMR Administrator, , , OH,

**Ohio EPA - Daily Discharge Monitoring Report - Form 4500**

**FACILITY:** FirstEnergy Perry Nuclear Power Plt  
**LOCATION:** 10 Center Rd  
 North Perry, 44081  
**COUNTY:** Lake  
**DISTRICT:** NEDO

**PERMIT NUMBER:** 3IB00016\*ID  
**STATION CODE:** 004  
**MONITORING PERIOD :** 2009-05-01 To: 2009-05-31  
**REPORTING LAB:** CCB125  
**ANALYST:** Randall Killing  
**NO DISCHARGE INDICATOR:**

PARAMETER	Chlorination/Bromination Duration					
PARAMETER CODE	78739					
UNITS	6655					
FREQUENCY	When Disch.					
SAMPLING TYPE	Total					
2009-05-01	81					
2009-05-02	70					
2009-05-03	75					
2009-05-04	71					
2009-05-05	73					
2009-05-06	70					
2009-05-07	65					
2009-05-08	40					
2009-05-09	35					
2009-05-10	40					
2009-05-11	45					
2009-05-12	44					
2009-05-13	74					
2009-05-14	41					
2009-05-15	73					
2009-05-16	75					
2009-05-17	89					
2009-05-18	70					
2009-05-19	108					
2009-05-20	100					
2009-05-21	100					
2009-05-22	103					
2009-05-23	100					
2009-05-24	100					
2009-05-25	100					
2009-05-26	100					
2009-05-27	100					
2009-05-28	100					
2009-05-29	100					
2009-05-30	100					
2009-05-31	100					

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		<i>[Signature]</i>	6/2/09

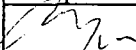
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## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**FACILITY:** FirstEnergy Perry Nuclear Power Plt  
**LOCATION:** 10 Center Rd  
 North Perry, 44081  
**COUNTY:** Lake  
**DISTRICT:** NEDO

**PERMIT NUMBER:** 3IB00016\*ID  
**STATION CODE:** 094  
**MONITORING PERIOD :** 2009-05-01 To: 2009-05-31  
**REPORTING LAB:**  
**ANALYST:**  
**NO DISCHARGE INDICATOR:** AL

PARAMETER	Water Temperature	Flow Rate	pH	Zinc, Total Recoverable	Copper, Total Recoverable	Oxidants, Total Residual	Chlorine, Total Residual
PARAMETER CODE	00011	50050	00400	01094	01119	34044	50060
UNITS	4103	4108	6653	4107	4107	4106	4106
FREQUENCY	1/Day	1/Day	2/Week	1/Month	1/Month	When Disch.	When Disch.
SAMPLING TYPE	Continuous	Continuous	Grab	Grab	Grab	Grab	Grab
2009-05-01							
2009-05-02							
2009-05-03							
2009-05-04							
2009-05-05							
2009-05-06							
2009-05-07							
2009-05-08							
2009-05-09							
2009-05-10							
2009-05-11							
2009-05-12							
2009-05-13							
2009-05-14							
2009-05-15							
2009-05-16							
2009-05-17							
2009-05-18							
2009-05-19							
2009-05-20							
2009-05-21							
2009-05-22							
2009-05-23							
2009-05-24							
2009-05-25							
2009-05-26							
2009-05-27							
2009-05-28							
2009-05-29							
2009-05-30							
2009-05-31							

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VP Nuclear			6/8/09

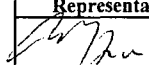
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**LOCATION:** 10 Center Rd  
 North Perry, 44081  
**COUNTY:** Lake  
**DISTRICT:** NEDO

**PERMIT NUMBER:** 31B00016\*ID  
**STATION CODE:** 094  
**MONITORING PERIOD :** 2009-05-01 To: 2009-05-31  
**REPORTING LAB:**  
**ANALYST:**  
**NO DISCHARGE INDICATOR:** AL

PARAMETER	Chlorination/Bromination Duration					
PARAMETER CODE	78739					
UNITS	6655					
FREQUENCY	When Disch.					
SAMPLING TYPE	Total					
2009-05-01						
2009-05-02						
2009-05-03						
2009-05-04						
2009-05-05						
2009-05-06						
2009-05-07						
2009-05-08						
2009-05-09						
2009-05-10						
2009-05-11						
2009-05-12						
2009-05-13						
2009-05-14						
2009-05-15						
2009-05-16						
2009-05-17						
2009-05-18						
2009-05-19						
2009-05-20						
2009-05-21						
2009-05-22						
2009-05-23						
2009-05-24						
2009-05-25						
2009-05-26						
2009-05-27						
2009-05-28						
2009-05-29						
2009-05-30						
2009-05-31						

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VP Nuclear			6/8/09

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**FACILITY:** FirstEnergy Perry Nuclear Power Plt  
**LOCATION:** 10 Center Rd  
 North Perry, 44081  
**COUNTY:** Lake  
**DISTRICT:** NEDO

**PERMIT NUMBER:** 3IB00016\*ID  
**STATION CODE:** 601  
**MONITORING PERIOD :** 2009-05-01 To: 2009-05-31  
**REPORTING LAB:**  
**ANALYST:**  
**NO DISCHARGE INDICATOR:** AL

PARAMETER	Flow Rate	pH	Total Suspended Solids	Oil and Grease, Total			
<b>PARAMETER CODE</b>	50050	00400	00530	00550			
<b>UNITS</b>	4108	6653	4106	4106			
<b>FREQUENCY</b>	Continuous	1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks			
<b>SAMPLING TYPE</b>	24hr Total	Grab	Grab	Grab			
2009-05-01							
2009-05-02							
2009-05-03							
2009-05-04							
2009-05-05							
2009-05-06							
2009-05-07							
2009-05-08							
2009-05-09							
2009-05-10							
2009-05-11							
2009-05-12							
2009-05-13							
2009-05-14							
2009-05-15							
2009-05-16							
2009-05-17							
2009-05-18							
2009-05-19							
2009-05-20							
2009-05-21							
2009-05-22							
2009-05-23							
2009-05-24							
2009-05-25							
2009-05-26							
2009-05-27							
2009-05-28							
2009-05-29							
2009-05-30							
2009-05-31							

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VP Nuclear		<i>[Signature]</i>	6/2/09

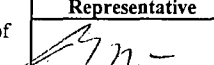
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**LOCATION:** 10 Center Rd  
 North Perry, 44081  
**COUNTY:** Lake  
**DISTRICT:** NEDO

**PERMIT NUMBER:** 31B00016\*ID  
**STATION CODE:** 602  
**MONITORING PERIOD :** 2009-05-01 To: 2009-05-31  
**REPORTING LAB:**  
**ANALYST:**  
**NO DISCHARGE INDICATOR:** AL

PARAMETER	Flow Rate	pH	Total Suspended Solids	Oil and Grease, Total	Iron, Total Recoverable	Copper, Total Recoverable	
<b>PARAMETER CODE</b>	50050	00400	00530	00550	00980	01119	
<b>UNITS</b>	4108	6653	4106	4106	4107	4107	
<b>FREQUENCY</b>	Continuous	1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks	
<b>SAMPLING TYPE</b>	24hr Total	Grab	24hr Composite	Grab	24hr Composite	24hr Composite	
2009-05-01							
2009-05-02							
2009-05-03							
2009-05-04							
2009-05-05							
2009-05-06							
2009-05-07							
2009-05-08							
2009-05-09							
2009-05-10							
2009-05-11							
2009-05-12							
2009-05-13							
2009-05-14							
2009-05-15							
2009-05-16							
2009-05-17							
2009-05-18							
2009-05-19							
2009-05-20							
2009-05-21							
2009-05-22							
2009-05-23							
2009-05-24							
2009-05-25							
2009-05-26							
2009-05-27							
2009-05-28							
2009-05-29							
2009-05-30							
2009-05-31							

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NP Nuclear			6/8/09

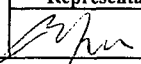
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**LOCATION:** 10 Center Rd  
 North Perry, 44081  
**COUNTY:** Lake  
**DISTRICT:** NEDO

**PERMIT NUMBER:** 3IB00016\*ID  
**STATION CODE:** 800  
**MONITORING PERIOD :** 2009-05-01 To: 2009-05-31  
**REPORTING LAB:** CCB125  
**ANALYST:** Randall Killing  
**NO DISCHARGE INDICATOR:**

PARAMETER	Water Temperature	Zinc, Total Recoverable	Copper, Total Recoverable				
PARAMETER CODE	00011	01094	01119				
UNITS	4103	4107	4107				
FREQUENCY	1/Day	1/Month	1/Month				
SAMPLING TYPE	Continuous	Grab	Grab				
2009-05-01	52						
2009-05-02	53						
2009-05-03	54						
2009-05-04	54						
2009-05-05	52						
2009-05-06	50	33.4	AA 4.0				
2009-05-07	48						
2009-05-08	48						
2009-05-09	52						
2009-05-10	53						
2009-05-11	55						
2009-05-12	53						
2009-05-13	53						
2009-05-14	53						
2009-05-15	55						
2009-05-16	56						
2009-05-17	57						
2009-05-18	57						
2009-05-19	57						
2009-05-20	57						
2009-05-21	57						
2009-05-22	60						
2009-05-23	60						
2009-05-24	58						
2009-05-25	56						
2009-05-26	55						
2009-05-27	53						
2009-05-28	58						
2009-05-29	58						
2009-05-30	60						
2009-05-31	60						

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**FACILITY:** FirstEnergy Perry Nuclear Power Plt  
**LOCATION:** 10 Center Rd  
 North Perry, 44081

**PERMIT NUMBER:** 31B00016\*ID  
**MONITORING PERIOD :** 2009-05-01 To: 2009-05-31

**PARAMETER COMMENTS:**

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
004	Oxidants, Total Residual	34044	2009-05-01	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-02	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-03	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-04	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-05	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-06	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-07	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-08	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-09	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-10	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-11	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-12	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-13	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-14	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-15	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-16	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-17	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-18	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-19	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-20	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-21	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-22	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-23	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-24	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-25	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-26	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-27	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-28	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-29	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-30	4106	No bromination event this date
004	Oxidants, Total Residual	34044	2009-05-31	4106	No bromination event this date