

Mark B. Bezilla  
Vice President

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

October 14, 2009  
PY-CEI/OEPA-0514L

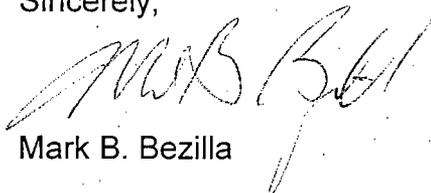
Ohio Environmental Protection Agency  
Division of Water Pollution Control  
Enforcement Section, ES/DMR  
P.O. Box 1049  
Columbus, Ohio 43216-1049

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

Enclosed are the Perry Nuclear Power Plant, NPDES monthly report forms for the month of September 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

**SUBMISSION ID:**

**FACILITY:**

**LOCATION:**

**COUNTY:**

**DISTRICT:**

FirstEnergy Nuclear Gen Corp - Perry Plant  
 10 Center Rd  
 North Perry, OH 44081  
 Lake  
 NEDO

**STATUS:**

**PERMIT NUMBER:**

**STATION CODE:**

**MONITORING PERIOD :**

**REPORTING LAB:**

**ANALYST:**

**NO DISCHARGE INDICATOR:**

Draft

**3IB00016\*ID**

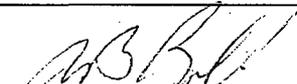
004

**2009-09-01 To: 2009-09-30**

CCB125

Randall Killing

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	F	MGD	S.U.	ug/l	ug/l	mg/l	mg/l
FREQUENCY	1/Day	1/Day	2/Week	1/Month	1/Month	When Disch.	When Disch.
SAMPLING TYPE	Continuous	Continuous	Grab	Grab	Grab	Grab	Grab
2009-09-01	77	104.6	8.42			AH	AA 0.05
2009-09-02	77	92.2				AH	AA 0.05
2009-09-03	78	90.8				AH	AA 0.05
2009-09-04	78	96.0	8.5			AH	AA 0.05
2009-09-05	78	90.7				AH	AA 0.05
2009-09-06	78	90.0		AA 6.0	5	AH	AA 0.05
2009-09-07	77	89.7				AH	AA 0.05
2009-09-08	76	91.1	8.6			AH	AA 0.05
2009-09-09	77	89.6				AH	AA 0.05
2009-09-10	77	112.3				AH	AH
2009-09-11	75	123.4	8.6			AH	AA 0.05
2009-09-12	74	94.9				AH	AA 0.05
2009-09-13	76	90.5				AH	0.06
2009-09-14	76	89.4				AH	AA 0.05
2009-09-15	77	89.1	8.63			AH	AA 0.05
2009-09-16	77	91.2				AH	AA 0.05
2009-09-17	76	93.4				AH	AA 0.05
2009-09-18	74	97.6	8.15			AH	AA 0.05
2009-09-19	74	100.0				AH	0.05
2009-09-20	73	95.0				AH	AA 0.05
2009-09-21	73	91.2				AH	AA 0.05
2009-09-22	75	91.3	8.52			AH	AA 0.05
2009-09-23	75	91.5				AH	AA 0.05
2009-09-24	75	93.1				AH	AA 0.05
2009-09-25	75	94.5	8.47			AH	AA 0.05
2009-09-26	74	96.7				AH	AA 0.05
2009-09-27	74	95.0				AH	0.06
2009-09-28	73	93.4				AH	AA 0.05
2009-09-29	72	92.2	8.36			AH	AA 0.05
2009-09-30	70	95.7				AH	AA 0.05
<b>Minimum</b>	70.0	89.1	8.15	0.0	5.0		0.0
<b>Maximum</b>	78.0	123.4	8.63	0.0	5.0		0.06
<b>Average</b>	75.36667	94.87		0	5		0.00586
<b>Count</b>	30	30	9	1	1		29

<b>Name 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>Submission Date/Time</b>
VP Nuclear			10/14/09 13:27

# Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:**

**STATUS:**

Draft

**FACILITY:**

FirstEnergy Nuclear Gen Corp - Perry Plant

**PERMIT NUMBER:**

31B00016\*ID

**LOCATION:**

10 Center Rd  
North Perry, OH 44081

**STATION CODE:**

004

**COUNTY:**

Lake

**MONITORING PERIOD :**

2009-09-01 To: 2009-09-30

**DISTRICT:**

NEDO

**REPORTING LAB:**

CCB125

**ANALYST:**

Randall Killing

**NO DISCHARGE INDICATOR:**

PARAMETER	Chlorination/Bromination Duration					
PARAMETER CODE	78739					
UNITS	Minutes					
FREQUENCY	When Disch.					
SAMPLING TYPE	Total					
2009-09-01	100					
2009-09-02	100					
2009-09-03	100					
2009-09-04	105					
2009-09-05	100					
2009-09-06	100					
2009-09-07	100					
2009-09-08	91					
2009-09-09	60					
2009-09-10	0					
2009-09-11	100					
2009-09-12	100					
2009-09-13	100					
2009-09-14	100					
2009-09-15	100					
2009-09-16	100					
2009-09-17	103					
2009-09-18	100					
2009-09-19	100					
2009-09-20	100					
2009-09-21	100					
2009-09-22	100					
2009-09-23	100					
2009-09-24	100					
2009-09-25	100					
2009-09-26	100					
2009-09-27	100					
2009-09-28	103					
2009-09-29	100					
2009-09-30	104					
Minimum	0.0					
Maximum	105.0					
Average	95.53333					
Count	30					

<b>Name 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>Submission Date/Time</b>
VP, Nuclear			10/1/09 13:27

# Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:**

**STATUS:**

Draft

**FACILITY:**

FirstEnergy Nuclear Gen Corp - Perry Plant

**PERMIT NUMBER:**

31B00016\*ID

**LOCATION:**

10 Center Rd  
North Perry, OH 44081

**STATION CODE:**

094

**COUNTY:**

Lake

**MONITORING PERIOD :**

2009-09-01 To: 2009-09-30

**DISTRICT:**

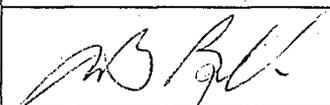
NEDO

**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	F	MGD	S.U.	ug/l	ug/l	mg/l	mg/l
FREQUENCY	1/Day	1/Day	2/Week	1/Month	1/Month	When Disch.	When Disch.
SAMPLING TYPE	Continuous	Continuous	Grab	Grab	Grab	Grab	Grab
2009-09-01							
2009-09-02							
2009-09-03							
2009-09-04							
2009-09-05							
2009-09-06							
2009-09-07							
2009-09-08							
2009-09-09							
2009-09-10							
2009-09-11							
2009-09-12							
2009-09-13							
2009-09-14							
2009-09-15							
2009-09-16							
2009-09-17							
2009-09-18							
2009-09-19							
2009-09-20							
2009-09-21							
2009-09-22							
2009-09-23							
2009-09-24							
2009-09-25							
2009-09-26							
2009-09-27							
2009-09-28							
2009-09-29							
2009-09-30							
Minimum							
Maximum							
Average							
Count							

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VP, Nuclear			10/14/09 13:27

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

**SUBMISSION ID:**

**STATUS:**

Draft

**FACILITY:**

FirstEnergy Nuclear Gen Corp - Perry Plant

**PERMIT NUMBER:**

**3IB00016\*ID**

**LOCATION:**

10 Center Rd  
North Perry, OH 44081

**STATION CODE:**

094

**COUNTY:**

Lake

**MONITORING PERIOD :**

2009-09-01 To: 2009-09-30

**DISTRICT:**

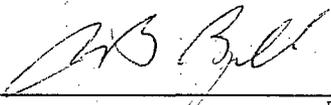
NEDO

**REPORTING LAB:**

**ANALYST:**

**NO DISCHARGE INDICATOR:** AL

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

<b>Name of Responsible Official or Authorized Representative</b>  VP, Nuclear	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>Submission Date/Time</b>
			10/14/09 13:27

# Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:**

**STATUS:**

Draft

**FACILITY:**

FirstEnergy Nuclear Gen Corp - Perry Plant

**PERMIT NUMBER:**

3IB00016\*ID

**LOCATION:**

10 Center Rd  
North Perry, OH 44081

**STATION CODE:**

601

**COUNTY:**

Lake

**MONITORING PERIOD :**

2009-09-01 To: 2009-09-30

**DISTRICT:**

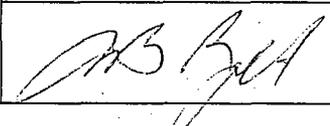
NEDO

**REPORTING LAB:**

**ANALYST:**

**NO DISCHARGE INDICATOR:** AL

PARAMETER	Flow Rate	pH	Total Suspended Solids	Oil and Grease, Total			
PARAMETER CODE	50050	00400	00530	00550			
UNITS	MGD	S.U.	mg/l	mg/l			
FREQUENCY	Continuous	1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks			
SAMPLING TYPE	24hr Total	Grab	Grab	Grab			
2009-09-01							
2009-09-02							
2009-09-03							
2009-09-04							
2009-09-05							
2009-09-06							
2009-09-07							
2009-09-08							
2009-09-09							
2009-09-10							
2009-09-11							
2009-09-12							
2009-09-13							
2009-09-14							
2009-09-15							
2009-09-16							
2009-09-17							
2009-09-18							
2009-09-19							
2009-09-20							
2009-09-21							
2009-09-22							
2009-09-23							
2009-09-24							
2009-09-25							
2009-09-26							
2009-09-27							
2009-09-28							
2009-09-29							
2009-09-30							
Minimum							
Maximum							
Average							
Count							

<b>Name 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>Submission Date/Time</b>
VP, Nuclear			10/14/09 13:37

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

**SUBMISSION ID:**

**STATUS:**

Draft

**FACILITY:**

FirstEnergy Nuclear Gen Corp - Perry Plant

**PERMIT NUMBER:**

3IB00016\*ID

**LOCATION:**

10 Center Rd  
North Perry, OH 44081

**STATION CODE:**

602

**COUNTY:**

Lake

**MONITORING PERIOD :**

2009-09-01 To: 2009-09-30

**DISTRICT:**

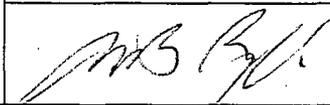
NEDO

**REPORTING LAB:**

**ANALYST:**

**NO DISCHARGE INDICATOR:** AL

PARAMETER	Flow Rate	pH	Total Suspended Solids	Oil and Grease, Total	Iron, Total Recoverable	Copper, Total Recoverable	
PARAMETER CODE	50050	00400	00530	00550	00980	01119	
UNITS	MGD	S.U.	mg/l	mg/l	ug/l	ug/l	
FREQUENCY	Continuous	1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks	
SAMPLING TYPE	24hr Total	Grab	24hr Composite	Grab	24hr Composite	24hr Composite	
2009-09-01							
2009-09-02							
2009-09-03							
2009-09-04							
2009-09-05							
2009-09-06							
2009-09-07							
2009-09-08							
2009-09-09							
2009-09-10							
2009-09-11							
2009-09-12							
2009-09-13							
2009-09-14							
2009-09-15							
2009-09-16							
2009-09-17							
2009-09-18							
2009-09-19							
2009-09-20							
2009-09-21							
2009-09-22							
2009-09-23							
2009-09-24							
2009-09-25							
2009-09-26							
2009-09-27							
2009-09-28							
2009-09-29							
2009-09-30							
Minimum							
Maximum							
Average							
Count							

Name of Responsible Official or Authorized Representative  <i>VP, Nuclear</i>	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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
			10/14/09 13:27

# Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:**

**STATUS:**

Draft

**FACILITY:**

FirstEnergy Nuclear Gen Corp - Perry Plant

**PERMIT NUMBER:**

3IB00016\*ID

**LOCATION:**

10 Center Rd  
North Perry, OH 44081

**STATION CODE:**

800

**COUNTY:**

Lake

**MONITORING PERIOD :**

2009-09-01 To: 2009-09-30

**DISTRICT:**

NEDO

**REPORTING LAB:**

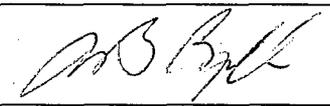
CCB125

**ANALYST:**

Randall Killing

**NO DISCHARGE INDICATOR:**

PARAMETER	Water Temperature	Zinc, Total Recoverable	Copper, Total Recoverable			
PARAMETER CODE	00011	01094	01119			
UNITS	F	ug/l	ug/l			
FREQUENCY	1/Day	1/Month	1/Month			
SAMPLING TYPE	Continuous	Grab	Grab			
2009-09-01	72					
2009-09-02	72					
2009-09-03	72					
2009-09-04	72					
2009-09-05	72					
2009-09-06	72	AA 6.0	AA 3.0			
2009-09-07	72					
2009-09-08	72					
2009-09-09	72					
2009-09-10	72					
2009-09-11	71					
2009-09-12	70					
2009-09-13	71					
2009-09-14	71					
2009-09-15	72					
2009-09-16	72					
2009-09-17	71					
2009-09-18	68					
2009-09-19	70					
2009-09-20	69					
2009-09-21	66					
2009-09-22	68					
2009-09-23	70					
2009-09-24	71					
2009-09-25	71					
2009-09-26	70					
2009-09-27	69					
2009-09-28	69					
2009-09-29	67					
2009-09-30	65					
Minimum	65.0	0.0	0.0			
Maximum	72.0	0.0	0.0			
Average	70.36667	0	0			
Count	30	1	1			

<b>Name 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>Submission Date/Time</b>
VP, Nuclear			10/14/09 13:27

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

FACILITY:  
LOCATION:FirstEnergy Nuclear Gen Corp - Perry Plant  
10 Center Rd  
North Perry, OH 44081

PERMIT NUMBER:

31B00016\*ID

MONITORING PERIOD :

2009-09-01 To: 2009-09-30

## PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
004	Oxidants, Total Residual	34044	2009-09-01	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-02	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-03	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-04	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-05	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-06	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-07	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-08	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-09	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-10	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-11	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-12	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-13	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-14	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-15	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-16	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-17	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-18	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-19	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-20	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-21	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-22	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-23	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-24	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-25	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-26	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-27	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-28	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-29	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2009-09-30	mg/l	No bromination event this date
004	Chlorine, Total Residual	50060	2009-09-10	mg/l	No chlorination event this date