

Mark B. Bezilla
Vice President

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

April 14, 2010
L-10-116

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

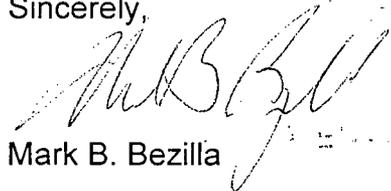
SUBJECT:

Perry Nuclear Power Plant, March NPDES Discharge Monitoring Report

Enclosed are the Perry Nuclear Power Plant, NPDES monthly report forms for the month of March 2010. 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)

IE25
NRR

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 :

2010-03-01 To: 2010-03-31

DISTRICT:

NEDO

REPORTING LAB:

CCB125

ANALYST:

Randall Killing

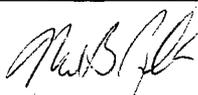
NO DISCHARGE INDICATOR:

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	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
2010-03-01	48	48.5				AH	0.06
2010-03-02	48	45.5	8.34			AH	AA 0.05
2010-03-03	47	48.3				AH	AA 0.05
2010-03-04	47	55.4				AH	0.06
2010-03-05	46	55.5	8.36			AH	AA 0.05
2010-03-06	45	55.2		AA 1.2	4.74	AH	AA 0.05
2010-03-07	44	53.4				AH	AA 0.05
2010-03-08	44	51.3				AH	AA 0.05
2010-03-09	44	52.5	8.3			AH	AA 0.05
2010-03-10	45	50.2				AH	0.05
2010-03-11	45	51.4				AH	AA 0.05
2010-03-12	45	61.5	8.4			AH	AA 0.05
2010-03-13	45	58.6				AH	AA 0.05
2010-03-14	44	56.7				AH	AA 0.05
2010-03-15	43	53.0				AH	AA 0.05
2010-03-16	44	55.2	8.51			AH	AA 0.05
2010-03-17	44	55.5				AH	AA 0.05
2010-03-18	45	52.9				AH	AA 0.05
2010-03-19	45	56.9	8.48			AH	AA 0.05
2010-03-20	45	55.6				AH	AA 0.05
2010-03-21	45	54.4				AH	AA 0.05
2010-03-22	44	55.1				AH	AA 0.05
2010-03-23	44	54.8	8.45			AH	AA 0.05
2010-03-24	44	55.5				AH	AA 0.05
2010-03-25	44	53.9				AH	0.06
2010-03-26	43	58.8	8.32			AH	AA 0.05
2010-03-27	44	53.3				AH	AA 0.05
2010-03-28	47	45.0				AH	AA 0.05
2010-03-29	46	44.7				AH	AA 0.05
2010-03-30	47	43.2	8.4			AH	AA 0.05
2010-03-31	48	41.9				AH	AA 0.05
Minimum	43.0	41.9	8.3	0.0	4.74		0.0
Maximum	48.0	61.5	8.51	0.0	4.74		0.06
Average	45.12903	52.7		0	4.74		0.00742
Count	31	31	9	1	1		31

Name of Responsible Official or Authorized Representative

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

16:04
4/1/10

VP Nuclear

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

2010-03-01 To: 2010-03-31

CCB125

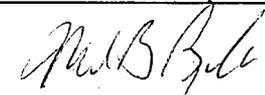
Randall Killing

PARAMETER	Chlorination/Bromination Duration					
PARAMETER CODE	78739					
UNITS	Minutes					
FREQUENCY	When Disch.					
SAMPLING TYPE	Total					
2010-03-01	100					
2010-03-02	100					
2010-03-03	100					
2010-03-04	100					
2010-03-05	100					
2010-03-06	100					
2010-03-07	100					
2010-03-08	100					
2010-03-09	104					
2010-03-10	105					
2010-03-11	100					
2010-03-12	100					
2010-03-13	100					
2010-03-14	100					
2010-03-15	113					
2010-03-16	100					
2010-03-17	109					
2010-03-18	100					
2010-03-19	100					
2010-03-20	100					
2010-03-21	100					
2010-03-22	105					
2010-03-23	100					
2010-03-24	100					
2010-03-25	100					
2010-03-26	100					
2010-03-27	100					
2010-03-28	100					
2010-03-29	100					
2010-03-30	100					
2010-03-31	100					
Minimum	100.0					
Maximum	113.0					
Average	101.16129					
Count	31					

Name of Responsible Official or Authorized Representative

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Signature of Responsible Official or Authorized Representative



Submission Date/Time

16:014
4/14/10

VP Nuclear

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: AL

Draft

3IB00016*ID
094
2010-03-01 To: 2010-03-31

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
2010-03-01							
2010-03-02							
2010-03-03							
2010-03-04							
2010-03-05							
2010-03-06							
2010-03-07							
2010-03-08							
2010-03-09							
2010-03-10							
2010-03-11							
2010-03-12							
2010-03-13							
2010-03-14							
2010-03-15							
2010-03-16							
2010-03-17							
2010-03-18							
2010-03-19							
2010-03-20							
2010-03-21							
2010-03-22							
2010-03-23							
2010-03-24							
2010-03-25							
2010-03-26							
2010-03-27							
2010-03-28							
2010-03-29							
2010-03-30							
2010-03-31							
Minimum							
Maximum							
Average							
Count							

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Signature of Responsible Official or Authorized Representative

M. B. Byrd

Submission Date/Time

4/4/10
16:04

VP Nuclear

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: AL

Draft

31B00016*ID

094

2010-03-01 To: 2010-03-31

PARAMETER	Chlorination/Bromination Duration					
PARAMETER CODE	78739					
UNITS	Minutes					
FREQUENCY	When Disch.					
SAMPLING TYPE	Total					
2010-03-01						
2010-03-02						
2010-03-03						
2010-03-04						
2010-03-05						
2010-03-06						
2010-03-07						
2010-03-08						
2010-03-09						
2010-03-10						
2010-03-11						
2010-03-12						
2010-03-13						
2010-03-14						
2010-03-15						
2010-03-16						
2010-03-17						
2010-03-18						
2010-03-19						
2010-03-20						
2010-03-21						
2010-03-22						
2010-03-23						
2010-03-24						
2010-03-25						
2010-03-26						
2010-03-27						
2010-03-28						
2010-03-29						
2010-03-30						
2010-03-31						
Minimum						
Maximum						
Average						
Count						

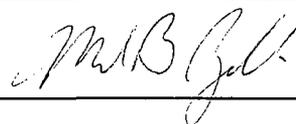
**Name of Responsible Official
or Authorized Representative**

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**Signature of Responsible Official or Authorized
Representative**

**Submission
Date/Time**

VP Nuclear



16:04
4/14/10

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:

FACILITY:
LOCATION:

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

STATUS:

PERMIT NUMBER:
STATION CODE:
MONITORING PERIOD :
REPORTING LAB:

Draft

3IB00016*ID
601
2010-03-01 To: 2010-03-31

COUNTY:

DISTRICT:

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		
2010-03-01						
2010-03-02						
2010-03-03						
2010-03-04						
2010-03-05						
2010-03-06						
2010-03-07						
2010-03-08						
2010-03-09						
2010-03-10						
2010-03-11						
2010-03-12						
2010-03-13						
2010-03-14						
2010-03-15						
2010-03-16						
2010-03-17						
2010-03-18						
2010-03-19						
2010-03-20						
2010-03-21						
2010-03-22						
2010-03-23						
2010-03-24						
2010-03-25						
2010-03-26						
2010-03-27						
2010-03-28						
2010-03-29						
2010-03-30						
2010-03-31						
Minimum						
Maximum						
Average						
Count						

Name of Responsible Official or Authorized Representative

VP Nuclear

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Signature of Responsible Official or Authorized Representative

M. B. Gyle

Submission Date/Time

16:04
4/14/10

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:

FACILITY:
LOCATION:

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

STATUS:

Draft

PERMIT NUMBER:
STATION CODE:
MONITORING PERIOD :
REPORTING LAB:

31B00016*ID
602
2010-03-01 To: 2010-03-31

COUNTY:

DISTRICT:

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	
2010-03-01							
2010-03-02							
2010-03-03							
2010-03-04							
2010-03-05							
2010-03-06							
2010-03-07							
2010-03-08							
2010-03-09							
2010-03-10							
2010-03-11							
2010-03-12							
2010-03-13							
2010-03-14							
2010-03-15							
2010-03-16							
2010-03-17							
2010-03-18							
2010-03-19							
2010-03-20							
2010-03-21							
2010-03-22							
2010-03-23							
2010-03-24							
2010-03-25							
2010-03-26							
2010-03-27							
2010-03-28							
2010-03-29							
2010-03-30							
2010-03-31							
Minimum							
Maximum							
Average							
Count							

Name of Responsible Official or Authorized Representative

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Signature of Responsible Official or Authorized Representative

Submission Date/Time

VP Nuclear

[Handwritten Signature]

16:06 / 4/4/10

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

800

2010-03-01 To: 2010-03-31

CCB125

Randall Killing

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			
2010-03-01	35					
2010-03-02	35					
2010-03-03	35					
2010-03-04	34					
2010-03-05	34					
2010-03-06	34	13.4	AA 2.5			
2010-03-07	34					
2010-03-08	34					
2010-03-09	34					
2010-03-10	34					
2010-03-11	34					
2010-03-12	34					
2010-03-13	34					
2010-03-14	34					
2010-03-15	34					
2010-03-16	35					
2010-03-17	35					
2010-03-18	35					
2010-03-19	35					
2010-03-20	36					
2010-03-21	36					
2010-03-22	34					
2010-03-23	34					
2010-03-24	34					
2010-03-25	34					
2010-03-26	34					
2010-03-27	35					
2010-03-28	36					
2010-03-29	37					
2010-03-30	37					
2010-03-31	38					
Minimum	34.0	13.4	0.0			
Maximum	38.0	13.4	0.0			
Average	34.77419	13.4	0			
Count	31	1	1			

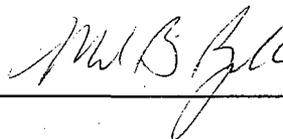
Name of Responsible Official or Authorized Representative

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Signature of Responsible Official or Authorized Representative

Submission Date/Time

VP Nuclear



16:04
4/1/10

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY: FirstEnergy Nuclear Gen Corp - Perry Plant PERMIT NUMBER: 31B00016*ID
 LOCATION: 10 Center Rd MONITORING PERIOD : 2010-03-01 To: 2010-03-31
 North Perry, OH 44081

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
004	Oxidants, Total Residual	34044	2010-03-01	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-02	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-03	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-04	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-05	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-06	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-07	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-08	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-09	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-10	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-11	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-12	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-13	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-14	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-15	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-16	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-17	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-18	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-19	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-20	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-21	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-22	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-23	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-24	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-25	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-26	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-27	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-28	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-29	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-30	mg/l	No bromination event this date
004	Oxidants, Total Residual	34044	2010-03-31	mg/l	No bromination event this date