

# FENOC

First Energy Nuclear Operating Company

Perry Nuclear Power Plant  
10 Center Road  
Perry, Ohio 44081

L. W. Pearce  
Vice President, Nuclear

440-280-5382

August 14, 2006  
PY-CEI/OEPA-0459L

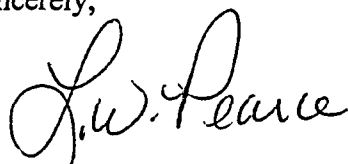
Ohio Environmental Protection Agency  
Division of Water Pollution Control  
Enforcement Section, ES/MOR  
P.O. Box 1049  
Columbus, Ohio 43216-1049

Ladies and Gentlemen:

Enclosed are the NPDES monthly report forms for the month of July 2006. No violations occurred during this period.

If you have questions or require additional information, please contact Mrs. Liz Ryan at (440) 280-5536.

Sincerely,



Enclosures

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

IE25

## - MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :

Station Code :

Reported Date (Month Year) :

Application :

8/4/2006

Perry Nuclear Power Plant  
Perry Nuclear Power Plant  
10 Center Rd.  
Perry OH 44081

004

July 2006

31B00016\*GD

Sampling Station Description :

Point Representative of Discharge

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample

Reporting Lab :

Analyst :

in(2) - Enter frequency of sampling

CCB125

Liz Ryan

(1)	3	3	3	1	3	1	3
(2)	1	1	1	999	1	999	1
Day	(50060) Chlorine, Total Residual mg/l	(00400) pH S.U.	(01119) Copper, Total Recoverable ug/l	(00011) Water Temperature F	(34044) Oxidants, Total Residual mg/l	(50050) Flow Rate MGD	(78739) Chlorination/Brominat Duration Minutes
01	AA			79	AH	116.6	100
02	AA			82	AH	109	100
03	AA			81	AH	117.2	105
04	AA	8.54		81	AH	117.8	100
05	0.18			81	AH	118.6	102
06	0.07			80	AH	119.4	100
07	0.11	8.51		79	AH	118.7	100
08	0.07			77	AH	121.3	50
09	AA		8	79	AH	115.3	50
10	AA			79	AH	107.5	100
11	AA	8.5		79	AH	90.9	100
12	AA			78	AH	96.4	100
13	AA			79	AH	94.2	100
14	AA	8.64		78	AH	93.7	100
15	AA			78	AH	94.3	50
16	AA			81	AH	93.5	100
17	AA			83	AH	93	100
18	AA	6.53		83	AH	94.2	104
19	AA			82	AH	95.7	50
20	AA			82	AH	95.1	94
21	AA	8.56		82	AH	89.6	100
22	0.05			82	AH	94.9	100
23	AA			81	AH	91.7	100
24	0.05			81	AH	90.6	100
25	AA	8.62		82	AH	89.5	100
26	0.05			82	AH	89.3	101
27	AA			83	AH	93.2	100
28	AA	8.58		82	AH	98.4	102
29	AA			84	AH	111.7	100
30	0.05			85	AH	101.7	100
31	AA			85	AH	113.4	103
TOTAL	0.63	66.48	8	2510	0	3166.4	2911
AVG	0.0203	N/A	8	80.9677	0	102.1419	93.9032
MAX	0.18	8.64	8	85	0	121.3	105
MIN	0	6.53	8	77	0	89.3	50

I certify under the penalty of law that I have personally examined and am familiar with the information submitted 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.

Date Report Completed:  
08/04/2006

Signature of Reporter:

Title of Reporter:

Vice President, Nuclear

## MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :

Perry Nuclear Power Plant  
Perry Nuclear Power Plant  
10 Center Rd.  
Perry OH 44081

Station Code :

004

Reported Date (Month Year) :

July 2006

Application :

3IB00016\*GD

8/4/2006

Sampling Station Description :

Point Representative of Discharge

Reporting Code	Result Date	Additional Remarks	Mdl
34044	07/01/2006	No bromination events this date	.
34044	07/02/2006	No bromination events this date	.
34044	07/03/2006	No bromination events this date	.
34044	07/04/2006	No bromination events this date	.
34044	07/05/2006	No bromination events this date	.
34044	07/06/2006	No bromination events this date	.
34044	07/07/2006	No bromination events this date	.
34044	07/08/2006	No bromination events this date	.
34044	07/09/2006	No bromination events this date	.
34044	07/10/2006	No bromination events this date	.
34044	07/11/2006	No bromination events this date	.
34044	07/12/2006	No bromination events this date	.
34044	07/13/2006	No bromination events this date	.
34044	07/14/2006	No bromination events this date	.
34044	07/15/2006	No bromination events this date	.
34044	07/16/2006	No bromination events this date	.
34044	07/17/2006	No bromination events this date	.
34044	07/18/2006	No bromination events this date	.
34044	07/19/2006	No bromination events this date	.
34044	07/20/2006	No bromination events this date	.
34044	07/21/2006	No bromination events this date	.
34044	07/22/2006	No bromination events this date	.
34044	07/23/2006	No bromination events this date	.
34044	07/24/2006	No bromination events this date	.
34044	07/25/2006	No bromination events this date	.
34044	07/26/2006	No bromination events this date	.
34044	07/27/2006	No bromination events this date	.
34044	07/28/2006	No bromination events this date	.
34044	07/29/2006	No bromination events this date	.
34044	07/30/2006	No bromination events this date	.
34044	07/31/2006	No bromination events this date	.
50060	07/01/2006	Less than MDL	.05
50060	07/02/2006	Less than MDL	.05
50060	07/03/2006	Less than MDL	.05
50060	07/04/2006	Less than MDL	.05
50060	07/05/2006		.05
50060	07/06/2006		.05
50060	07/07/2006		.05
50060	07/08/2006		.05

Reporting Code	Result Date	Additional Remarks	MDL
50060	07/09/2006	Less than MDL	.05
50060	07/10/2006	Less than MDL	.05
50060	07/11/2006	Less than MDL	.05
50060	07/12/2006	Less than MDL	.05
50060	07/13/2006	Less than MDL	.05
50060	07/14/2006	Less than MDL	.05
50060	07/15/2006	Less than MDL	.05
50060	07/16/2006	Less than MDL	.05
50060	07/17/2006	Less than MDL	.05
50060	07/18/2006	Less than MDL	.05
50060	07/19/2006	Less than MDL	.05
50060	07/20/2006	Less than MDL	.05
50060	07/21/2006	Less than MDL	.05
50060	07/22/2006		.05
50060	07/23/2006	Less than MDL	.05
50060	07/24/2006		.05
50060	07/25/2006	Less than MDL	.05
50060	07/26/2006		.05
50060	07/27/2006	Less than MDL	.05
50060	07/28/2006	Less than MDL	.05
50060	07/29/2006	Less than MDL	.05
50060	07/30/2006		.05
50060	07/31/2006	Less than MDL	.05

## MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :

Station Code :

Reported Date (Month Year) :

Application :

8/4/2006

Perry Nuclear Power Plant

601

July 2006

31B00016\*GD

Perry Nuclear Power Plant

10 Center Rd.

Perry OH 44081

Sampling Station Description :

Discharge from Regenerate Neutralization Pits

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample

Reporting Lab :

Analyst :

in(2) - Enter frequency of sampling

CCB125

Liz Ryan

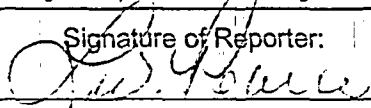
(1)	3	3	3	1			
(2)	1	1	1	999			
Day	(00400) pH S.U.	(00530) Total Suspended Solids mg/l	(00550) Oil and Grease, Total mg/l	(50050) Flow Rate MGD			
01				AH			
02	8.61			0.0178			
03				AH			
04				AH			
05	8.6	5	AA	0.0187			
06				AH			
07				AH			
08				AH			
09				AH			
10				AH			
11				AH			
12	8.68	AA	AA	0.0184			
13				AH			
14	8.52	AA	AA	0.0201			
15				AH			
16				AH			
17				AH			
18				AH			
19	7.7	AA	AA	0.0178			
20				AH			
21	7.59	4	AA	0.0239			
22				AH			
23				AH			
24				AH			
25	8.19	13	AA	0.0161			
26				AH			
27				AH			
28				AH			
29				AH			
30				AH			
31				AH			
TOTAL	57.89	22	0	0.1328	0	0	0
AVG	N/A	3.6667	0	0.019			
MAX	8.68	13	0	0.0239			
MIN	7.59	0	0	0.0161	0	0	0

I certify under the penalty of law that I have personally examined and am familiar with the information submitted 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.

Date Report Completed:

08/04/2006

Signature of Reporter:



Title of Reporter:

Vice President, Nuclear

## MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :

Perry Nuclear Power Plant  
Perry Nuclear Power Plant  
10 Center Rd.  
Perry OH 44081

Station Code :

601

Reported Date (Month Year) :

July 2006

Application :

3IB00016\*GD

8/4/2006

Sampling Station Description :

Discharge from Regenerate Neutralization Pits

Reporting Code	Result Date	Additional Remarks	Mdl
00530	07/12/2006	Less than MDL	4.
00530	07/14/2006	Less than MDL	4.0
00530	07/19/2006	Less than MDL	4.0
00550	07/05/2006	Less than MDL	5.
00550	07/12/2006	Less than MDL	5.
00550	07/14/2006	Less than MDL	5.
00550	07/19/2006	Less than MDL	5.
00550	07/21/2006	Less than MDL	5.
00550	07/25/2006	Less than MDL	5.
50050	07/01/2006	No discharge performed on this date	.
50050	07/03/2006	No discharge performed on this date	.
50050	07/04/2006	No discharge performed on this date	.
50050	07/06/2006	No discharge performed on this date	.
50050	07/07/2006	No discharge performed on this date	.
50050	07/08/2006	No discharge performed on this date	.
50050	07/09/2006	No discharge performed on this date	.
50050	07/10/2006	No discharge performed on this date	.
50050	07/11/2006	No discharge performed on this date	.
50050	07/13/2006	No discharge performed on this date	.
50050	07/15/2006	No discharge performed on this date	.
50050	07/16/2006	No discharge performed on this date	.
50050	07/17/2006	No discharge performed on this date	.
50050	07/18/2006	No discharge performed on this date	.
50050	07/20/2006	No discharge performed on this date	.
50050	07/22/2006	No discharge performed on this date	.
50050	07/23/2006	No discharge performed on this date	.
50050	07/24/2006	No discharge performed on this date	.
50050	07/26/2006	No discharge performed on this date	.
50050	07/27/2006	No discharge performed on this date	.
50050	07/28/2006	No discharge performed on this date	.
50050	07/29/2006	No discharge performed on this date	.
50050	07/30/2006	No discharge performed on this date	.
50050	07/31/2006	No discharge performed on this date	.

**4500**

Name, Address City, County, ZIP :

Perry Nuclear Power Plant  
Perry Nuclear Power Plant  
10 Center Rd.  
Perry OH 44081

Station Code :

602

Reported Date (Month Year) :

July 2006

**Application :**

3IB00016\*GD

8/4/2006

**Sampling Station Description :**

Discharge from Chemical Cleaning Lagoon

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst:
in(2) - Enter frequency of sampling	CCB125	Liz Ryan

Day	(1)	2	2	3	2	3	1	
	(2)	998	998	1	998	1	999	
		(00980) Iron, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l	(00400) pH S.U.	(00530) Total Suspended Solids mg/l	(00550) Oil and Grease, Total mg/l	(50050) Flow Rate MGD	
01		AL						
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
TOTAL		0	0	0	0	0	0	0
AVG		0		N/A				
MAX		0						
MIN		0	0	0	0	0	0	0

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Date Report Completed: 08/04/2006

Signature of Reporter: [Handwritten Signature]

Title of Reporter:  
Vice President, Nuclear

## MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :

Perry Nuclear Power Plant  
Perry Nuclear Power Plant  
10 Center Rd.  
Perry OH 44081

Station Code :

602

Reported Date (Month Year) :

July 2006

Application :

3IB00016\*GD

8/4/2006

Sampling Station Description :

Discharge from Chemical Cleaning Lagoon

Reporting Code	Result Date	Additional Remarks	Mdl
00980	07/01/2006	No discharge performed this month	.



Name, Address City, County, ZIP :

Perry Nuclear Power Plant  
Perry Nuclear Power Plant  
10 Center Rd.  
Perry OH 44081

Station Code :

800

Reported Date (Month Year) :

July 2006

Application :

31B00016\*GD

8/4/2006

Sampling Station Description :

Intake Water from Lake Erie

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample

in(2) - Enter frequency of sampling

Reporting Lab :

CCB125

Analyst :

Liz Ryan

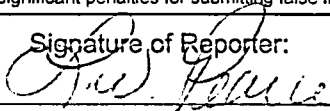
(1)	3	1					
(2)	1	999					
	(01119) Copper, Total Recoverable ug/l	(00011) Water Temperature F					
Day							
01		72					
02		72					
03		73					
04		73					
05		74					
06		74					
07		73					
08		71					
09	2	71					
10		70					
11		71					
12		71					
13		71					
14		71					
15		71					
16		75					
17		76					
18		76					
19		77					
20		76					
21		76					
22		76					
23		76					
24		76					
25		76					
26		76					
27		76					
28		76					
29		76					
30		77					
31		78					
TOTAL	2	2297	0	0	0	0	0
AVG	2	74.0968					
MAX	2	78					
MIN	2	70	0	0	0	0	0

I certify under the penalty of law that I have personally examined and am familiar with the information submitted 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.

Date Report Completed:

08/04/2006

Signature of Reporter:



Title of Reporter:

Vice President, Nuclear

## MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :

Perry Nuclear Power Plant  
Perry Nuclear Power Plant  
10 Center Rd.  
Perry OH 44081

Station Code :

800

Reported Date (Month Year) :

July 2006

Application :

3IB00016\*GD

8/4/2006

Sampling Station Description :

Intake Water from Lake Erie