

# 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

September 7, 2006  
PY-CEI/OEPA-0460L

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 August 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,

*M. B. Wayland for LWP*

Enclosures

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

*JE25*

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :  
 Perry Nuclear Power Plant  
 Perry Nuclear Power Plant  
 10 Center Rd.  
 PerryOH44081

Station Code : 004  
 Reported Date (Month Year) : August 2006

Application :  
 3IB00016\*GD


9/7/2006

Sampling Station Description :  
 Point Representative of Discharge

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
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(1) (2)	3 1 (50060) Chlorine, Total Residual mg/l	3 1 (00400) pH S.U.	3 1 (01119) Copper, Total Recoverable ug/l	1 999 (00011) Water Temperature F	3 1 (34044) Oxidants, Total Residual mg/l	1 999 (50050) Flow Rate MGD	3 1 (78739) Chlorination/Brominat Duration Minutes
01	AA	8.58		87	AH	110.3	100
02	AA			88	AH	110.8	100
03	AA			88	AH	113.2	100
04	AA	8.64		86	AH	115.9	50
05	AA			87	AH	115.1	100
06	AA			83	AH	114.8	100
07	AA			84	AH	115.1	100
08	AA	8.57		85	AH	110.5	100
09	0.07			83	AH	121.6	102
10	0.13			82	AH	121.4	100
11	AA	8.28		83	AH	108.7	100
12	AA			72	AH	124.5	100
13	AA			71	AH	123	100
14	AA			74	AH	120.3	100
15	AA	8.63		81	AH	119.4	50
16	AA			80	AH	128	100
17	AA		4	79	AH	127.2	100
18	AA	8.43		79	AH	122.9	100
19	AA			80	AH	117.4	100
20	AA			82	AH	121.8	100
21	AA			79	AH	123.3	100
22	AA	8.44		79	AH	107.3	AH
23	AA			79	AH	87	AH
24	AA			79	AH	88.4	AH
25	AA	8.6		81	AH	119.9	50
26	AA			82	AH	122.9	100
27	AA			82	AH	123.7	50
28	AA			81	AH	124.8	100
29	AA	8.52		81	AH	126.7	108
30	AA			80	AH	124.2	80
31	0.07			76	AH	125.7	100
TOTAL	0.27	76.69	4	2513	0	3635.8	2590
AVG	0.0087	N/A	4	81.0645	0	117.2839	95.6
MAX	0.13	8.64	4	88	0	128	108
MIN	0	8.28	4	71	0	87	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: 09/07/2006	Signature of Reporter: 	Title of Reporter: Vice President, Nuclear
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MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP : Station Code : Reported Date (Month Year) : Application : 9/7/2006  
 Perry Nuclear Power Plant 004 August 2006 3IB00016\*GD  
 Perry Nuclear Power Plant  
 10 Center Rd.  
 Perry OH 44081  
 Sampling Station Description :  
 Point Representative of Discharge

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

Reporting Code	Result Date	Additional Remarks	Mdl
50060	08/09/2006		.05
50060	08/10/2006		.05
50060	08/11/2006	Less than MDL	.05
50060	08/12/2006	Less than MDL	.05
50060	08/13/2006	Less than MDL	.05
50060	08/14/2006	Less than MDL	.05
50060	08/15/2006	Less than MDL	.05
50060	08/16/2006	Less than MDL	.05
50060	08/17/2006	Less than MDL	.05
50060	08/18/2006	Less than MDL	.05
50060	08/19/2006	Less than MDL	.05
50060	08/20/2006	Less than MDL	.05
50060	08/21/2006	Less than MDL	.05
50060	08/22/2006	Less than MDL	.05
50060	08/23/2006	Less than MDL	.05
50060	08/24/2006	Less than MDL	.05
50060	08/25/2006	Less than MDL	.05
50060	08/26/2006	Less than MDL	.05
50060	08/27/2006	Less than MDL	.05
50060	08/28/2006	Less than MDL	.05
50060	08/29/2006	Less than MDL	.05
50060	08/30/2006	Less than MDL	.05
50060	08/31/2006		.05
78739	08/22/2006	No chlorination/bromination performed on this date	.
78739	08/23/2006	No chlorination/bromination performed on this date	.
78739	08/24/2006	No chlorination/bromination performed on this date	.

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :  
 Perry Nuclear Power Plant  
 Perry Nuclear Power Plant  
 10 Center Rd.  
 PerryOH44081

Station Code : 601  
 Reported Date (Month Year) : August 2006  
 Sampling Station Description :  
 Discharge from Regenerate Neutralization Pits

Application :  
 3IB00016\*GD

9/7/2006

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

(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				AH			
03				AH			
04	7.68	11	AA	0.0164			
05				AH			
06				AH			
07				AH			
08				AH			
09				AH			
10	8.45	AA	AA	0.0163			
11				AH			
12				AH			
13				AH			
14				AH			
15				AH			
16				AH			
17				AH			
18				AH			
19				AH			
20				AH			
21				AH			
22				AH			
23				AH			
24				AH			
25	8.16	6	AA	0.0174			
26				AH			
27				AH			
28				AH			
29				AH			
30				AH			
31				AH			
TOTAL	24.29	17	0	0.0501	0	0	0
AVG	N/A	5.6667	0	0.0167			
MAX	8.45	11	0	0.0174			
MIN	7.68	0	0	0.0163	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: 09/07/2006	Signature of Reporter: <i>[Handwritten Signature]</i>	Title of Reporter: Vice President, Nuclear
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## MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :

Station Code :

Reported Date (Month Year) :

Application :

9/7/2006

Perry Nuclear Power Plant

601

August 2006

31B00016\*GD

Perry Nuclear Power Plant

Sampling Station Description :

10 Center Rd.

Discharge from Regenerate Neutralization Pits

Perry OH 44081

Reporting Code	Result Date	Additional Remarks	Mdl
00530	08/10/2006	Less than MDL	4.
00550	08/04/2006	Less than MDL	5.
00550	08/10/2006	Less than MDL	5.
00550	08/25/2006	Less than MDL	5.
50050	08/01/2006	No discharge performed on this date	.
50050	08/02/2006	No discharge performed on this date	.
50050	08/03/2006	No discharge performed on this date	.
50050	08/05/2006	No discharge performed on this date	.
50050	08/06/2006	No discharge performed on this date	.
50050	08/07/2006	No discharge performed on this date	.
50050	08/08/2006	No discharge performed on this date	.
50050	08/09/2006	No discharge performed on this date	.
50050	08/11/2006	No discharge performed on this date	.
50050	08/12/2006	No discharge performed on this date	.
50050	08/13/2006	No discharge performed on this date	.
50050	08/14/2006	No discharge performed on this date	.
50050	08/15/2006	No discharge performed on this date	.
50050	08/16/2006	No discharge performed on this date	.
50050	08/17/2006	No discharge performed on this date	.
50050	08/18/2006	No discharge performed on this date	.
50050	08/19/2006	No discharge performed on this date	.
50050	08/20/2006	No discharge performed on this date	.
50050	08/21/2006	No discharge performed on this date	.
50050	08/22/2006	No discharge performed on this date	.
50050	08/23/2006	No discharge performed on this date	.
50050	08/24/2006	No discharge performed on this date	.
50050	08/26/2006	No discharge performed on this date	.
50050	08/27/2006	No discharge performed on this date	.
50050	08/28/2006	No discharge performed on this date	.
50050	08/29/2006	No discharge performed on this date	.
50050	08/30/2006	No discharge performed on this date	.
50050	08/31/2006	No discharge performed on this date	.

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) : August 2006  
 Sampling Station Description :  
 Discharge from Chemical Cleaning Lagoon


Application :  
 3IB00016\*GD

9/7/2006

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

(1)	2	2	3	2	3	1	
(2)	998	998	1	998	1	999	
Day	(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							
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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: 09/07/2006	Signature of Reporter: 	Title of Reporter: Vice President, Nuclear
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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) :  
August 2006

Application :  
3IB00016\*GD

9/7/2006

Sampling Station Description :  
Discharge from Chemical Cleaning Lagoon

Reporting Code	Result Date	Additional Remarks	Mdl
00980	08/01/2006	No discharge performed this month	.



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) : August 2006  
 Sampling Station Description :  
 Intake Water from Lake Erie

Application :  
 3IB00016\*GD

9/7/2006

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)	3	1					
	(2)	1	999					
		(01119) Copper, Total Recoverable ug/l	(00011) Water Temperature F					
01			80					
02			80					
03			81					
04			80					
05			81					
06			77					
07			77					
08			79					
09			78					
10			77					
11			76					
12			59					
13			57					
14			61					
15			71					
16			74					
17	8		72					
18			72					
19			72					
20			74					
21			73					
22			73					
23			74					
24			74					
25			74					
26			74					
27			74					
28			75					
29			74					
30			73					
31			68					
TOTAL	8		2284	0	0	0	0	0
AVG	8		73.6774					
MAX	8		81					
MIN	8		57	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: 09/07/2006	Signature of Reporter: <i>W. B. Wafar</i>	Title of Reporter: Vice President, Nuclear
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**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) :**

August 2006

**Application :**

3IB00016\*GD

**9/7/2006**

**Sampling Station Description :**

Intake Water from Lake Erie