

# FENOC

First Energy Nuclear Operating Company

Perry Nuclear Power Plant  
10 Center Road  
Perry, Ohio 44081

Richard Anderson  
Vice President, Nuclear

440-280-5646  
Fax: 440-280-5681

January 10, 2005  
PY-CEI/OEPA-0428L

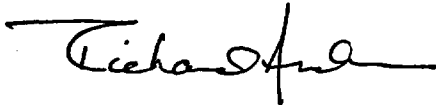
Ohio Environmental Protection Agency  
Division of Water Pollution Control  
Enforcement Section, ES/MOR  
P.O. Box 1049  
Columbus, Ohio 43216-1049

Ladies and Gentlemen:

Enclosed are the NPDES monthly report forms for the month of December, 2004.  
No violations occurred during this period.

If you have questions or require additional information, please contact Mr. Phil Lashley at (440) 280-5145.

Sincerely,



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.  
Perry OH 44081

Station Code :

004

Reported Date (Month Year) :

December 2004

Application :

3IB00016\*GD

1/7/2005

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:

Phil Lashley

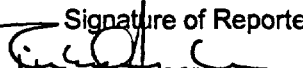
(1)	3	3	3	1	3	1	3
(2)	1	1	1	999	1	999	1
Day	(50060) Chlorine, Total Residual mg/l	(00400) pH S.U.	(01119) Copper, Total Recoverable ug/l	(00011) Water Temperature F	(34044) Oxidants, Total Residual mg/l	(50050) Flow Rate MGD	(78739) Chlorination/Brominat Duration Minutes
01	AA		18.6	60		75.4	83
02	AA			61		71.2	84
03	AA	8.66		60		77	81
04	AA			59		78.3	85
05	AA			60		77	85
06	AA			59		75.4	80
07	AA	8.55		58		75.7	85
08	AA			59		55.2	80
09	AA			56		69.7	80
10	AA	8.68		58		74.2	50
11	AA			59		80.2	92
12	AA			58		80.3	91
13	AA			59		79.6	85
14	AA	8.55		57		81.2	35
15	AA			56		82.1	40
16	AA			56		79.4	40
17	AA	8.59		60		80.6	80
18	AA			54		80.9	81
19	AA			57		83.3	82
20	AA			52		87	96
21	AA	8.64		54		80.1	97
22	AA			57		78.8	97
23	AA			59		79.4	AH
24	AA	8.58		59		95.9	40
25	0.05			42		102.9	47
26	AH			42		98.3	AH
27	0.1			42		103.6	90
28	0.06	8.19		41		95.8	40
29	AA			48		79.2	95
30	AA			52		79.3	82
31	AA	8.55		56		89	82
TOTAL	0.21	76.99	18.6	1710	0	2526	2185
AVG	0.007	N/A	18.6	55.1613		81.4839	75.3448
MAX	0.1	8.68	18.6	61		103.6	97
MIN	0	8.19	18.6	41	0	55.2	35

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:

01/07/2005

Signature of Reporter:



Title of Reporter:

Vice President, Nuclear

## MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :

Station Code :

Reported Date (Month Year) :

Application :

1/7/2005

Perry Nuclear Power Plant

004

December 2004

31B00016\*GD

Perry Nuclear Power Plant

10 Center Rd.

Sampling Station Description :

Perry OH 44081

Point Representative of Discharge

Reporting Code	Result Date	Additional Remarks	Mdl
50060	12/01/2004	Less than MDL.	.04
50060	12/02/2004	Less than MDL.	.04
50060	12/03/2004	Less than MDL.	.04
50060	12/04/2004	Less than MDL.	.04
50060	12/05/2004	Less than MDL.	.04
50060	12/06/2004	Less than MDL.	.04
50060	12/07/2004	Less than MDL.	.04
50060	12/08/2004	Less than MDL.	.04
50060	12/09/2004	Less than MDL.	.04
50060	12/10/2004	Less than MDL.	.04
50060	12/11/2004	Less than MDL.	.04
50060	12/12/2004	Less than MDL.	.04
50060	12/13/2004	Less than MDL.	.04
50060	12/14/2004	Less than MDL.	.04
50060	12/15/2004	Less than MDL.	.04
50060	12/16/2004	Less than MDL.	.04
50060	12/17/2004	Less than MDL.	.04
50060	12/18/2004	Less than MDL.	.04
50060	12/19/2004	Less than MDL.	.04
50060	12/20/2004	Less than MDL.	.04
50060	12/21/2004	Less than MDL.	.04
50060	12/22/2004	Less than MDL.	.04
50060	12/23/2004	Less than MDL.	.04
50060	12/24/2004	Less than MDL.	.04
50060	12/25/2004		.04
50060	12/26/2004	No chlorination event this date.	.04
50060	12/27/2004		.04
50060	12/28/2004		.04
50060	12/29/2004	Less than MDL.	.04
50060	12/30/2004	Less than MDL.	.04
50060	12/31/2004	Less than MDL.	.04
78739	12/23/2004	No chlorination event this date.	.
78739	12/26/2004	No chlorination event 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 :

601

Reported Date (Month Year) :

December 2004

Application :

31B00016\*GD

1/7/2005

Sampling Station Description :

Discharge from Regenerate Neutralization Pits

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

in(2) - Enter frequency of sampling

Reporting Lab :

CCB125

Analyst:

Phil Lashley

(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	8.43			0.017			
03				AH			
04				AH			
05				AH			
06				AH			
07				AH			
08				AH			
09				AH			
10				AH			
11				AH			
12	8.3	25	AA	0.019			
13				AH			
14				AH			
15				AH			
16				AH			
17				AH			
18				AH			
19	8.45	13	AA	0.016			
20				AH			
21				AH			
22				AH			
23				AH			
24				AH			
25				AH			
26				AH			
27				AH			
28	8.18	20	AA	0.018			
29				AH			
30				AH			
31				AH			
TOTAL	33.36	58	0	0.07	0	0	0
AVG	N/A	19.3333	0	0.0175			
MAX	8.45	25	0	0.019			
MIN	8.18	13	0	0.016	0	0	0

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Perry Nuclear Power Plant  
10 Center Rd.  
Perry OH 44081

Station Code :

601

Reported Date (Month Year) :

December 2004

Application :

3IB00016\*GD

1/7/2005

Sampling Station Description :

Discharge from Regenerate Neutralization Pits

Reporting Code	Result Date	Additional Remarks	Mdl
00550	12/12/2004	Less than MDL.	5.
00550	12/19/2004	Less than MDL.	5.
00550	12/28/2004	Less than MDL.	5.
50050	12/01/2004	No discharge performed this date.	.
50050	12/03/2004	No discharge performed this date.	.
50050	12/04/2004	No discharge performed this date.	.
50050	12/05/2004	No discharge performed this date.	.
50050	12/06/2004	No discharge performed this date.	.
50050	12/07/2004	No discharge performed this date.	.
50050	12/08/2004	No discharge performed this date.	.
50050	12/09/2004	No discharge performed this date.	.
50050	12/10/2004	No discharge performed this date.	.
50050	12/11/2004	No discharge performed this date.	.
50050	12/13/2004	No discharge performed this date.	.
50050	12/14/2004	No discharge performed this date.	.
50050	12/15/2004	No discharge performed this date.	.
50050	12/16/2004	No discharge performed this date.	.
50050	12/17/2004	No discharge performed this date.	.
50050	12/18/2004	No discharge performed this date.	.
50050	12/20/2004	No discharge performed this date.	.
50050	12/21/2004	No discharge performed this date.	.
50050	12/22/2004	No discharge performed this date.	.
50050	12/23/2004	No discharge performed this date.	.
50050	12/24/2004	No discharge performed this date.	.
50050	12/25/2004	No discharge performed this date.	.
50050	12/26/2004	No discharge performed this date.	.
50050	12/27/2004	No discharge performed this date.	.
50050	12/29/2004	No discharge performed this date.	.
50050	12/30/2004	No discharge performed this date.	.
50050	12/31/2004	No discharge performed this date.	.

Name, Address City, County, ZIP :

Perry Nuclear Power Plant  
 Perry Nuclear Power Plant  
 10 Center Rd.  
 PerryOH44081

Station Code :

602

Reported Date (Month Year) :

December 2004

Application :

31B00016\*GD

1/7/2005

Sampling Station Description :

Discharge from Chemical Cleaning Lagoon

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

in(2) - Enter frequency of sampling

Reporting Lab :

CCB125

Analyst:

Phil Lashley

(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							
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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## MONTHLY REPORT FORM

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Perry Nuclear Power Plant

Perry Nuclear Power Plant

10 Center Rd.

Perry OH 44081

Station Code :

602

Reported Date (Month Year) :

December 2004

Application :

3IB00016\*GD

1/7/2005

Sampling Station Description :

Discharge from Chemical Cleaning Lagoon

Reporting Code	Result Date	Additional Remarks	Mdt
00980	12/01/2004	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) :

December 2004

Application :

3IB00016\*GD

1/7/2005

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:  
 Phil Lashley

(1)	3	1					
(2)	1	999					
Day	(01119) Copper, Total Recoverable ug/l	(00011) Water Temperature F					
01	9.2	46					
02		47					
03		46					
04		46					
05		46					
06		45					
07		44					
08		45					
09		44					
10		45					
11		45					
12		44					
13		44					
14		42					
15		40					
16		40					
17		39					
18		38					
19		36					
20		36					
21		37					
22		36					
23		37					
24		34					
25		34					
26		33					
27		33					
28		33					
29		32					
30		32					
31		33					
TOTAL	9.2	1232	0	0	0	0	0
AVG	9.2	39.7419					
MAX	9.2	47					
MIN	9.2	32	0	0	0	0	0

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01/07/2005

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) :**

December 2004

**Application :**

3IB00016\*GD

**1/7/2005****Sampling Station Description :**

Intake Water from Lake Erie