

# FENOC

First Energy Nuclear Operating Company

Perry Nuclear Power Plant  
10 Center Road  
Perry, Ohio 44081

Edward M. Root  
Manager – Radwaste, Environmental, Chemistry

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

July 14, 2003  
PY-CEI/OEPA-0403L

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 June 2003. The Preliminary Effluent Limit for copper was exceeded during this period. A separate letter was mailed detailing this issue in accordance with Part II of the National Pollutant Discharge Elimination System Permit.

If you have questions or require additional information, please contact Mr. Leo Harte at (440) 280-5514.

Very truly yours,



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 :

Station Code :

Reported Date (Month Year) :

Application :

7/8/2

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

004

June 2003

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	CCB 125	Leo J. Harte

(1)	3	3	1	3	1	3	
(2)	1	1	999	1	999	1	
Day	(00400) pH S.U.	(01119) Copper, Total Recoverable ug/l	(00011) Water Temperature F	(34044) Oxidants, Total Residual mg/l	(50050) Flow Rate MGD	(50064) Chlorine, Free Available mg/l	(78739) Chlorination/Brominat Duration Minutes
01			63		71.1	0.01	70
02			65		55.7	0.02	65
03	8.69		72		51.8	0	60
04		41	70		49.1	0.2	65
05			71		50.6	0.06	70
06	8.65		69		49.5	0.02	75
07			72		50	0.01	65
08			73		45.7	0.04	35
09			73		62.7	0.1	95
10	8.69		70		89.3	0.01	85
11			74		91.2	0.02	75
12			74		63.2	0	91
13	8.61		74		64	0.01	85
14			73		55.2	0.02	80
15			76		55.5	0.02	80
16			76		47.9	0.02	77
17	8.86		76		45.5	0.03	80
18			75		49.8	0.11	90
19			72		60.2	0.02	75
20	8.64		74		62.6	0.01	83
21			74		48.3	0.02	70
22			71		53.1	0.01	75
23			77		52.4	0	75
24	8.74		79		54.5	0.01	75
25			77		64.6	0.05	80
26			78		64.9	0	85
27	8.69		79		81.8	0.03	110
28			76		96.8	0.08	65
29			77		86.3	0.04	70
30			79		92.2	0.03	94
31							
TOTAL	69.57	41	2209	0	1865.5	1	2300
AVG	N/A	41	73.6333		62.1833	0.0333	76.6667
MAX	8.86	41	79		96.8	0.2	110
MIN	8.61	41	63	0	45.5	0	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: 07/08/2003	Signature of Reporter: 	Title of Reporter: Manager, Environmental
--------------------------------------	---	--

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) :  
June 2003

Application :  
31B00016\*GD

7/8/20

Sampling Station Description :  
Point Representative of Discharge

Reporting Code	Result Date	Additional Remarks	Mdl
01119	06/04/2003	Effluent copper was greater than the preliminary effluent limit due to an increase in copper at the intake.	.
78739	06/01/2003	No bromine products used for the 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 : 601  
 Reported Date (Month Year) : June 2003


Application : 3IB00016\*GD  
 7/18/2

Sampling Station Description :  
 Discharge from Regenerate Neutralization Pits

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab : CCB 125	Analyst : Leo J. Harte
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	7.87			0.018		
02				AH		
03				AH		
04				AH		
05				AH		
06				AH		
07				AH		
08	7.46	10	AA	0.018		
09				AH		
10				AH		
11				AH		
12	8.6	9	AA	0.017		
13				AH		
14				AH		
15				AH		
16				AH		
17	7.3			0.018		
18				AH		
19				AH		
20	8.39	9	AA	0.015		
21				AH		
22				AH		
23				AH		
24				AH		
25				AH		
26				AH		
27	8.14	6	AA	0.018		
28				AH		
29				AH		
30				AH		
31						
TOTAL	47.76	34	0	0.104	0	0
AVG	N/A	8.5	0	0.0173		
MAX	8.6	10	0	0.018		
MIN	7.3	6	0	0.015	0	0

certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my  
 quiry 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: 07/08/2003	Signature of Reporter: 	Title of Reporter: Manager, Environmental
--------------------------------------	---	--

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) :  
June 2003

Application :  
31B00016\*GD

7/8/20

Sampling Station Description :  
Discharge from Regenerate Neutralization Pits

Reporting Code	Result Date	Additional Remarks	Mdl
00550	06/08/2003	Less than MDL.	5.
00550	06/12/2003	Less than MDL.	5.
00550	06/20/2003	Less than MDL.	5.
00550	06/27/2003	Less than MDL.	5.
50050	06/02/2003	No discharge performed this date.	.
50050	06/03/2003	No discharge performed this date.	.
50050	06/04/2003	No discharge performed this date.	.
50050	06/05/2003	No discharge performed this date.	.
50050	06/06/2003	No discharge performed this date.	.
50050	06/07/2003	No discharge performed this date.	.
50050	06/09/2003	No discharge performed this date.	.
50050	06/10/2003	No discharge performed this date.	.
50050	06/11/2003	No discharge performed this date.	.
50050	06/13/2003	No discharge performed this date.	.
50050	06/14/2003	No discharge performed this date.	.
50050	06/15/2003	No discharge performed this date.	.
50050	06/16/2003	No discharge performed this date.	.
50050	06/18/2003	No discharge performed this date.	.
50050	06/19/2003	No discharge performed this date.	.
50050	06/21/2003	No discharge performed this date.	.
50050	06/22/2003	No discharge performed this date.	.
50050	06/23/2003	No discharge performed this date.	.
50050	06/24/2003	No discharge performed this date.	.
50050	06/25/2003	No discharge performed this date.	.
50050	06/26/2003	No discharge performed this date.	.
50050	06/28/2003	No discharge performed this date.	.
50050	06/29/2003	No discharge performed this date.	.
50050	06/30/2003	No discharge performed this date.	.

Name, Address City, County, ZIP :

Station Code :

Reported Date (Month Year) :

Application :

7/8/2

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

602

June 2003

31B00016\*GD


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	CCB 125	Leo J. Harte

(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

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: 07/08/2003	Signature of Reporter: 	Title of Reporter: Manager, Environmental
--------------------------------------	---	--

**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) :**

June 2003

**Application :**

31B00016\*GD

**7/8/20**

**Sampling Station Description :**

Discharge from Chemical Cleaning Lagoon

Reporting Code	Result Date	Additional Remarks	Mdl
00980	06/01/2003	No discharge performed for the 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) : June 2003

Application : 31B00016\*GD  
 7/8/2

Sampling Station Description :  
 Intake Water from Lake Erie

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab : CCB 125	Analyst : Leo J. Harte
in(2) - Enter frequency of sampling		

(1)	3	1					
(2)	1	999					
Day	(01119) Copper, Total Recoverable ug/l	(00011) Water Temperature F					
01		57					
02		57					
03		65					
04	30	58					
05		57					
06		56					
07		57					
08		57					
09		60					
10		60					
11		62					
12		62					
13		61					
14		63					
15		64					
16		62					
17		62					
18		59					
19		59					
20		59					
21		59					
22		57					
23		63					
24		66					
25		66					
26		68					
27		71					
28		70					
29		71					
30		71					
31							
TOTAL	30	1859	0	0	0	0	0
AVG	30	61.9667					
MAX	30	71					
MIN	30	56	0	0	0	0	0

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: 07/08/2003	Signature of Reporter: 	Title of Reporter: Manager, Environmental
--------------------------------------	---	--



**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) :**

June 2003

**Application :**

3IB00016\*GD

**7/8/20**

**Sampling Station Description :**

Intake Water from Lake Erie