

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
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October 8, 2003
PY-CEI/OEPA-0408L

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 September 2003. No violations occurred during this period. Although the permit comments state to leave the data area blank, data codes were used for daily sample requirements per the direction of Mr. Erm Gomes of the Ohio EPA Northeast District Office, until the permit is modified.

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)

IE25

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) :
 September 2003

Application :
 31B00016*GD

10/7/2

Sampling Station Description :
 Point Representative of Discharge

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		

Day	(1)	3	1	3	1	3		
	(2)	1	1	999	1	999	1	
		(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) orination/Brominat Duration Minutes
01				79	AH	92.4	0.01	83
02		8.65		79	AH	86.4	0.01	85
03				77	AH	81.4	0	93
04				78	AH	70.1	0.09	75
05		8.67		78	AH	99.3	0.02	75
06				77	AH	94.7	0.04	81
07				77	AH	93.1	0.02	80
08				78	AH	93	0.05	74
09		8.55		79	AH	95.1	0.09	75
10				79	AH	100.4	0.15	80
11				78	AH	114.4	AH	0
12		8.65		72	AH	110.8	0.05	0
13				71	AH	111.6	0.34	44
14				71	AH	117.7	0.29	0
15			6.1	74	AH	99.3	0.18	0
16		8.19		74	AH	95.8	0.13	0
17				76	AH	88.7	0.14	30
18				76	AH	107.1	0.11	104
19		8.44		75	AH	87.7	0.24	61
20				74	AH	85.9	0.23	90
21				74	AH	87.5	AH	0
22				74	AH	86.9	0.12	100
23		8.6		75	AH	94.7	0.07	100
24				75	AH	86.6	0.11	100
25				75	AH	84.1	0.04	100
26		8.58		73	AH	91.8	0.16	100
27				73	AH	90.2	0.06	100
28				72	AH	88.5	0.07	100
29				71	AH	89.9	0.11	54
30		8.5		70	AH	87.3	0.05	100
31								
TOTAL		76.83	6.1	2254	0	2812.4	2.98	1984
AVG		N/A	6.1	75.1333	0	93.7467	0.1064	66.1333
MAX		8.67	6.1	79	0	117.7	0.34	104
MIN		8.19	6.1	70	0	70.1	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: 10/07/2003	Signature of Reporter: 	Title of Reporter: Manager, Environmental
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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 : 004
 Reported Date (Month Year) :
 September 2003

Application : 10/7/20
 31B00016*GD

Sampling Station Description :
 Point Representative of Discharge

Reporting Code	Result Date	Additional Remarks	Mdl
34044	09/01/2003	Sample not required when only chlorine is used.	.
34044	09/02/2003	Sample not required when only chlorine is used.	.
34044	09/03/2003	Sample not required when only chlorine is used.	.
34044	09/04/2003	Sample not required when only chlorine is used.	.
34044	09/05/2003	Sample not required when only chlorine is used.	.
34044	09/06/2003	Sample not required when only chlorine is used.	.
34044	09/07/2003	Sample not required when only chlorine is used.	.
34044	09/08/2003	Sample not required when only chlorine is used.	.
34044	09/09/2003	Sample not required when only chlorine is used.	.
34044	09/10/2003	Sample not required when only chlorine is used.	.
34044	09/11/2003	No chlorination or bromination performed on this date, as a mussel treatment was performed using Clam-Trol in accordance with the Director's Final Findings and Orders.	.
34044	09/12/2003	No chlorination or bromination performed on this date.	.
34044	09/13/2003	Sample not required when only chlorine is used.	.
34044	09/14/2003	No chlorination or bromination performed on this date. The abnormal Free Available Chlorine results were determined to be from manganese and/or chromium interferences. This was verified using the Hach procedure to compensate for manganese and chromium interference.	.
34044	09/15/2003	No chlorination or bromination performed on this date. The abnormal Free Available Chlorine results were determined to be from manganese and/or chromium interferences. This was verified using the Hach procedure to compensate for manganese and chromium interference.	.
34044	09/16/2003	No chlorination or bromination performed on this date. The abnormal Free Available Chlorine results were determined to be from manganese and/or chromium interferences. This was verified using the Hach procedure to compensate for manganese and chromium interference.	.
34044	09/17/2003	Sample not required when only chlorine is used.	.
34044	09/18/2003	Sample not required when only chlorine is used.	.
34044	09/19/2003	Sample not required when only chlorine is used.	.
34044	09/20/2003	Sample not required when only chlorine is used.	.
34044	09/21/2003	No chlorination or bromination performed on this date.	.
34044	09/22/2003	Sample not required when only chlorine is used.	.
34044	09/23/2003	Sample not required when only chlorine is used.	.
34044	09/24/2003	Sample not required when only chlorine is used.	.
34044	09/25/2003	Sample not required when only chlorine is used.	.
34044	09/26/2003	Sample not required when only chlorine is used.	.
34044	09/27/2003	Sample not required when only chlorine is used.	.
34044	09/28/2003	Sample not required when only chlorine is used.	.
34044	09/29/2003	Sample not required when only chlorine is used.	.
34044	09/30/2003	Sample not required when only chlorine is used.	.
50064	09/11/2003	No chlorination or bromination performed on this date, as a mussel treatment was performed using Clam-Trol in accordance with the Director's Final Findings and Orders.	.
50064	09/21/2003	No chlorination or bromination performed on this date.	.

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :

Station Code :

Reported Date (Month Year) :

Application :

10/7/2

Perry Nuclear Power Plant
 Perry Nuclear Power Plant
 10 Center Rd.
 Perry OH44081

601

September 2003

3IB00016*GD

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	CCB 125	Leo J. Harte

(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	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	N/A						
MAX	0						
MIN	0	0	0	0	0	0	0

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

Station Code : 601
Reported Date (Month Year) : September 2003

Application : 10/7/20
31B00016*GD

Sampling Station Description :
Discharge from Regenerate Neutralization Pits

Reporting Code	Result Date	Additional Remarks	Mdl
00400	09/01/2003	No discharge performed for the month.	.

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :

Station Code :

Reported Date (Month Year) :

Application :

10/7/2

Perry Nuclear Power Plant
 Perry Nuclear Power Plant
 10 Center Rd.
 Perry OH44081

602

September 2003

3IB00016*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

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 Perry Nuclear Power Plant
 10 Center Rd.
 Perry OH 44081

Station Code :

602

Reported Date (Month Year) :

September 2003

Application :

3IB00016*GD

10/7/20

Sampling Station Description :

Discharge from Chemical Cleaning Lagoon

Reporting Code	Result Date	Additional Remarks	Mdl
00980	09/01/2003	No discharge performed for the month.	.

MONTHLY REPORT FORM

4500

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

Station Code : 800
 Reported Date (Month Year) : September 2003

Application : 10/7/2
 31B00016*GD

Sampling Station Description :
 Intake Water from Lake Erie

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	1					
(2)	1	999					
Day	(01119) Copper; Total Recoverable ug/l	(00011) Water Temperature F					
01		73					
02		73					
03		70					
04		70					
05		72					
06		71					
07		71					
08		72					
09		72					
10		72					
11		69					
12		62					
13		63					
14		61					
15	3.5	65					
16		68					
17		69					
18		69					
19		68					
20		68					
21		67					
22		68					
23		67					
24		67					
25		66					
26		65					
27		65					
28		64					
29		64					
30		62					
31							
TOTAL	3.5	2033	0	0	0	0	0
AVG	3.5	67.7667					
MAX	3.5	73					
MIN	3.5	61	0	0	0	0	0

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MONTHLY REPORT FORM

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Name, Address City, County, ZIP :

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

Station Code :
800

Reported Date (Month Year) :
September 2003

Application :
3IB00016*GD

10/7/20

Sampling Station Description :

Intake Water from Lake Erie