

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

January 10, 2007
PY-CEI/OEPA-0464L

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

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

Application : 31B00016*GD

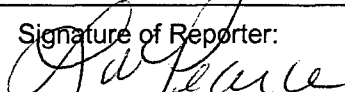
1/3/2007

Sampling Station Description :
 Point Representative of Discharge

| | | |
|--|---------------------------|-----------------------|
| 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 | 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 | 8.72 | | 67 | AH | 83.1 | 100 |
| 02 | AA | | | 65 | AH | 83.1 | 100 |
| 03 | AA | | | 60 | AH | 77.5 | 100 |
| 04 | AA | | | 59 | AH | 98.1 | 100 |
| 05 | AA | 8.52 | | 58 | AH | 96.2 | 100 |
| 06 | AA | | 13.8 | 56 | AH | 92.2 | 100 |
| 07 | AA | | | 58 | AH | 92.3 | 100 |
| 08 | AA | 8.46 | | 54 | AH | 84.9 | 100 |
| 09 | AA | | | 51 | AH | 70.9 | 100 |
| 10 | AA | | | 51 | AH | 86.2 | 100 |
| 11 | AA | | | 54 | AH | 92.7 | 100 |
| 12 | AA | 8.64 | | 54 | AH | 93.4 | 100 |
| 13 | AA | | | 55 | AH | 116.7 | 100 |
| 14 | AA | | | 48 | AH | 124.2 | 60 |
| 15 | AA | 8.41 | | 48 | AH | 126.9 | 80 |
| 16 | AA | | | 48 | AH | 110 | 80 |
| 17 | AA | | | 50 | AH | 102.5 | 80 |
| 18 | AA | | | 49 | AH | 92.5 | 80 |
| 19 | AA | | | 48 | AH | 88.1 | 40 |
| 20 | AA | 8.21 | | 45 | AH | 85.5 | 85 |
| 21 | AA | | | 46 | AH | 74.9 | 80 |
| 22 | AA | 8.3 | | 48 | AH | 83.7 | 85 |
| 23 | AA | | | 53 | AH | 101.5 | 80 |
| 24 | AA | | | 52 | AH | 93.1 | 80 |
| 25 | AA | | | 54 | AH | 86.2 | 80 |
| 26 | AA | 8.35 | | 54 | AH | 82.8 | 90 |
| 27 | AA | | | 57 | AH | 81.5 | 100 |
| 28 | AA | | | 57 | AH | 84.9 | 100 |
| 29 | AA | 8.34 | | 57 | AH | 86.1 | 100 |
| 30 | AA | | | 57 | AH | 86.1 | 100 |
| 31 | AA | | | 56 | AH | 86.7 | 100 |
| TOTAL | 0 | 75.95 | 13.8 | 1669 | 0 | 2844.5 | 2800 |
| AVG | 0 | N/A | 13.8 | 53.8387 | 0 | 91.7581 | 90.3226 |
| MAX | 0 | 8.72 | 13.8 | 67 | 0 | 126.9 | 100 |
| MIN | 0 | 8.21 | 13.8 | 45 | 0 | 70.9 | 40 |

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: 01/03/2007 | 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 :

1/3/2007

Perry Nuclear Power Plant

004

December 2006

3IB00016*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 |
|----------------|-------------|---------------------------------|-----|
| 34044 | 12/01/2006 | No bromination events this date | . |
| 34044 | 12/02/2006 | No bromination events this date | . |
| 34044 | 12/03/2006 | No bromination events this date | . |
| 34044 | 12/04/2006 | No bromination events this date | . |
| 34044 | 12/05/2006 | No bromination events this date | . |
| 34044 | 12/06/2006 | No bromination events this date | . |
| 34044 | 12/07/2006 | No bromination events this date | . |
| 34044 | 12/08/2006 | No bromination events this date | . |
| 34044 | 12/09/2006 | No bromination events this date | . |
| 34044 | 12/10/2006 | No bromination events this date | . |
| 34044 | 12/11/2006 | No bromination events this date | . |
| 34044 | 12/12/2006 | No bromination events this date | . |
| 34044 | 12/13/2006 | No bromination events this date | . |
| 34044 | 12/14/2006 | No bromination events this date | . |
| 34044 | 12/15/2006 | No bromination events this date | . |
| 34044 | 12/16/2006 | No bromination events this date | . |
| 34044 | 12/17/2006 | No bromination events this date | . |
| 34044 | 12/18/2006 | No bromination events this date | . |
| 34044 | 12/19/2006 | No bromination events this date | . |
| 34044 | 12/20/2006 | No bromination events this date | . |
| 34044 | 12/21/2006 | No bromination events this date | . |
| 34044 | 12/22/2006 | No bromination events this date | . |
| 34044 | 12/23/2006 | No bromination events this date | . |
| 34044 | 12/24/2006 | No bromination events this date | . |
| 34044 | 12/25/2006 | No bromination events this date | . |
| 34044 | 12/26/2006 | No bromination events this date | . |
| 34044 | 12/27/2006 | No bromination events this date | . |
| 34044 | 12/28/2006 | No bromination events this date | . |
| 34044 | 12/29/2006 | No bromination events this date | . |
| 34044 | 12/30/2006 | No bromination events this date | . |
| 34044 | 12/31/2006 | No bromination events this date | . |
| 50060 | 12/01/2006 | Less than MDL | .05 |
| 50060 | 12/02/2006 | Less than MDL | .05 |
| 50060 | 12/03/2006 | Less than MDL | .05 |
| 50060 | 12/04/2006 | Less than MDL | .05 |
| 50060 | 12/05/2006 | Less than MDL | .05 |
| 50060 | 12/06/2006 | Less than MDL | .05 |
| 50060 | 12/07/2006 | Less than MDL | .05 |
| 50060 | 12/08/2006 | Less than MDL | .05 |

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

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 2006

Application :

3IB00016*GD

1/3/2007

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 | 8.06 | 8 | AA | 0.0167 | | | |
| 02 | | | | AH | | | |
| 03 | | | | AH | | | |
| 04 | | | | AH | | | |
| 05 | | | | AH | | | |
| 06 | | | | AH | | | |
| 07 | | | | AH | | | |
| 08 | | | | AH | | | |
| 09 | | | | AH | | | |
| 10 | | | | AH | | | |
| 11 | | | | AH | | | |
| 12 | 8.05 | 16 | AA | 0.0165 | | | |
| 13 | | | | AH | | | |
| 14 | | | | AH | | | |
| 15 | | | | AH | | | |
| 16 | | | | AH | | | |
| 17 | | | | AH | | | |
| 18 | 8.09 | 18 | AA | 0.0166 | | | |
| 19 | | | | AH | | | |
| 20 | | | | AH | | | |
| 21 | 8.25 | 25 | AA | 0.0155 | | | |
| 22 | | | | AH | | | |
| 23 | | | | AH | | | |
| 24 | | | | AH | | | |
| 25 | | | | AH | | | |
| 26 | | | | AH | | | |
| 27 | | | | AH | | | |
| 28 | | | | AH | | | |
| 29 | | | | AH | | | |
| 30 | | | | AH | | | |
| 31 | | | | AH | | | |
| TOTAL | 32.45 | 67 | 0 | 0.0653 | 0 | 0 | 0 |
| AVG | N/A | 16.75 | 0 | 0.0163 | | | |
| MAX | 8.25 | 25 | 0 | 0.0167 | | | |
| MIN | 8.05 | 8 | 0 | 0.0155 | 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:
01/03/2007

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) :
 December 2006

Application :
 3IB00016*GD

1/3/2007

Sampling Station Description :
 Discharge from Regenerate Neutralization Pits

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

Application : 3IB00016*GD
 1/3/2007

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 : Liz Ryan |
|---|---------------------------|-----------------------|

| (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: 01/03/2007 | 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 :

602

Reported Date (Month Year) :

December 2006

Application :

3IB00016*GD

1/3/2007

Sampling Station Description :

Discharge from Chemical Cleaning Lagoon

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|-----------------------------------|-----|
| 00980 | 12/01/2006 | 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.
 PerryOH44081

Station Code :

800

Reported Date (Month Year) :

December 2006

Application :

3IB00016*GD

1/3/2007

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 | CCB125 | Liz Ryan |

| (1) | 3 | 1 | | | | | |
|-------|---|-----------------------------------|---|---|---|---|---|
| (2) | 1 | 999 | | | | | |
| Day | (01119) Copper, Total Recoverable ug/l | (00011) Water Temperature F | | | | | |
| 01 | | 49 | | | | | |
| 02 | | 49 | | | | | |
| 03 | | 45 | | | | | |
| 04 | | 44 | | | | | |
| 05 | | 43 | | | | | |
| 06 | 3 | 42 | | | | | |
| 07 | | 41 | | | | | |
| 08 | | 39 | | | | | |
| 09 | | 36 | | | | | |
| 10 | | 36 | | | | | |
| 11 | | 37 | | | | | |
| 12 | | 39 | | | | | |
| 13 | | 39 | | | | | |
| 14 | | 39 | | | | | |
| 15 | | 39 | | | | | |
| 16 | | 41 | | | | | |
| 17 | | 41 | | | | | |
| 18 | | 40 | | | | | |
| 19 | | 41 | | | | | |
| 20 | | 40 | | | | | |
| 21 | | 40 | | | | | |
| 22 | | 40 | | | | | |
| 23 | | 41 | | | | | |
| 24 | | 41 | | | | | |
| 25 | | 43 | | | | | |
| 26 | | 42 | | | | | |
| 27 | | 41 | | | | | |
| 28 | | 41 | | | | | |
| 29 | | 41 | | | | | |
| 30 | | 41 | | | | | |
| 31 | | 41 | | | | | |
| TOTAL | 3 | 1272 | 0 | 0 | 0 | 0 | 0 |
| AVG | 3 | 41.0323 | | | | | |
| MAX | 3 | 49 | | | | | |
| MIN | 3 | 36 | 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:
01/03/2007

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 :

800

Reported Date (Month Year) :

December 2006

Application :

3IB00016*GD

1/3/2007

Sampling Station Description :

Intake Water from Lake Erie