

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

May 7, 2004
PY-CEI/OEPA-0417L

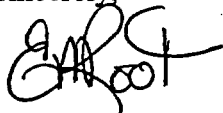
Ohio Environmental Protection Agency
Division of Water Pollution Control
Enforcement Section, ES/MOR
P.O. Box 1049
Columbus, Ohio 43216-1049

Ladies and Gentlemen:

Enclosed are the NPDES monthly report forms for the month of April 2004. 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.

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) :

April 2004

Application :

31B00016*GD

5/5/2004

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

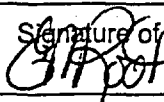
| (1) | 3 | 3 | 1 | 3 | 1 | 3 | |
|-------|-----------------------|---|-----------------------------------|--|-----------------------------|--|--|
| (2) | 1 | 1 | 999 | 1 | 999 | 1 | |
| Day | (00400) pH S.U. | (01119) Copper, Total Recoverable ug/l | (00011) Water Temperature F | (34044) Oxidants, Total Residual mg/l | (50050) Flow Rate MGD | (50064) Chlorine, Free Available mg/l | (78739) Chlorination/Brominat. Duration Minutes |
| 01 | | 5.8 | 53 | AH | 109.1 | 0.04 | 38 |
| 02 | 8.34 | | 53 | AH | 107.1 | AA | 45 |
| 03 | | | 53 | AH | 107.4 | AA | 40 |
| 04 | | | 55 | AH | 109.6 | AA | 40 |
| 05 | | | 53 | AH | 107.4 | AA | 68 |
| 06 | 8 | | 54 | AH | 105.7 | AA | 71 |
| 07 | | | 55 | AH | 107.9 | AA | 48 |
| 08 | | | 53 | AH | 106.7 | AA | 49 |
| 09 | 8.33 | | 54 | AH | 110.2 | AA | 48 |
| 10 | | | 55 | AH | 111.3 | AA | 35 |
| 11 | | | 55 | AH | 95.5 | AA | 35 |
| 12 | | | 60 | AH | 76.7 | AA | 67 |
| 13 | 8.47 | | 64 | AH | 66.8 | AA | 36 |
| 14 | | | 63 | AH | 67.2 | AA | 40 |
| 15 | | | 64 | AH | 69 | AA | 40 |
| 16 | 8.6 | | 67 | AH | 65.1 | AA | 37 |
| 17 | | | 73 | AH | 71.2 | AA | 40 |
| 18 | | | 73 | AH | 62.7 | AA | 70 |
| 19 | | | 76 | AH | 63.2 | AA | 67 |
| 20 | 8.49 | | 71 | AH | 76.4 | AA | 35 |
| 21 | | | 70 | AH | 76.3 | AA | 40 |
| 22 | | | 70 | AH | 95.7 | AA | 35 |
| 23 | 8.57 | | 66 | AH | 88.4 | 0.05 | 70 |
| 24 | | | 65 | AH | 85.8 | AA | 65 |
| 25 | | | 64 | AH | 88.7 | AA | 70 |
| 26 | | | 62 | AH | 66.8 | AA | 75 |
| 27 | 8.56 | | 63 | AH | 65.1 | AA | 65 |
| 28 | | | 59 | AH | 56.1 | AA | 75 |
| 29 | | | 63 | AH | 62.1 | AA | 66 |
| 30 | 8.6 | | 60 | AH | 61.2 | AA | 75 |
| 31 | | | | | | | |
| TOTAL | 75.96 | 5.8 | 1846 | 0 | 2542.4 | 0.09 | 1585 |
| AVG | N/A | 5.8 | 61.5333 | 0 | 84.7467 | 0.003 | 52.8333 |
| MAX | 8.6 | 5.8 | 76 | 0 | 111.3 | 0.05 | 75 |
| MIN | 8 | 5.8 | 53 | 0 | 56.1 | 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:

05/05/2004

Signature of Reporter:



Title of Reporter:

Manager, Environmental

MONTHLY REPORT FORM

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

Station Code :

004

Reported Date (Month Year) :

April 2004

Application :

3IB00016*GD

5/5/2004

Sampling Station Description :

Point Representative of Discharge

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|---|-----|
| 34044 | 04/01/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/02/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/03/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/04/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/05/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/06/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/07/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/08/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/09/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/10/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/11/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/12/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/13/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/14/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/15/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/16/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/17/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/18/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/19/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/20/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/21/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/22/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/23/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/24/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/25/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/26/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/27/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/28/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/29/2004 | Sample not required, as no brominations were performed. | . |
| 34044 | 04/30/2004 | Sample not required, as no brominations were performed. | . |
| 50064 | 04/02/2004 | Less than MDL. | .04 |
| 50064 | 04/03/2004 | Less than MDL. | .04 |
| 50064 | 04/04/2004 | Less than MDL. | .04 |
| 50064 | 04/05/2004 | Less than MDL. | .04 |
| 50064 | 04/06/2004 | Less than MDL. | .04 |
| 50064 | 04/07/2004 | Less than MDL. | .04 |
| 50064 | 04/08/2004 | Less than MDL. | .04 |
| 50064 | 04/09/2004 | Less than MDL. | .04 |
| 50064 | 04/10/2004 | Less than MDL. | .04 |

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|--------------------|-----|
| 50064 | 04/11/2004 | Less than MDL. | .04 |
| 50064 | 04/12/2004 | Less than MDL. | .04 |
| 50064 | 04/13/2004 | Less than MDL. | .04 |
| 50064 | 04/14/2004 | Less than MDL. | .04 |
| 50064 | 04/15/2004 | Less than MDL. | .04 |
| 50064 | 04/16/2004 | Less than MDL. | .04 |
| 50064 | 04/17/2004 | Less than MDL. | .04 |
| 50064 | 04/18/2004 | Less than MDL. | .04 |
| 50064 | 04/19/2004 | Less than MDL. | .04 |
| 50064 | 04/20/2004 | Less than MDL. | .04 |
| 50064 | 04/21/2004 | Less than MDL. | .04 |
| 50064 | 04/22/2004 | Less than MDL. | .04 |
| 50064 | 04/24/2004 | Less than MDL. | .04 |
| 50064 | 04/25/2004 | Less than MDL. | .04 |
| 50064 | 04/26/2004 | Less than MDL. | .04 |
| 50064 | 04/27/2004 | Less than MDL. | .04 |
| 50064 | 04/28/2004 | Less than MDL. | .04 |
| 50064 | 04/29/2004 | Less than MDL. | .04 |
| 50064 | 04/30/2004 | Less than MDL. | .04 |

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) :

April 2004

Application :

3IB00016*GD

5/5/2004

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

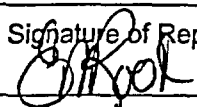
| (1) | 3 | 3 | 3 | 1 | | | |
|-------|-----------------------|--|---|-----------------------------|---|---|---|
| (2) | 1 | 1 | 1 | 999 | | | |
| Day | (00400) pH S.U. | (00530) Total Suspended Solids mg/l | (00550) Oil and Grease, Total mg/l | (50050) Flow Rate MGD | | | |
| 01 | | | | AH | | | |
| 02 | | | | AH | | | |
| 03 | | | | AH | | | |
| 04 | | | | AH | | | |
| 05 | | | | AH | | | |
| 06 | | | | AH | | | |
| 07 | | | | AH | | | |
| 08 | | | | AH | | | |
| 09 | | | | AH | | | |
| 10 | | | | AH | | | |
| 11 | | | | AH | | | |
| 12 | | | | AH | | | |
| 13 | | | | AH | | | |
| 14 | | | | AH | | | |
| 15 | | | | AH | | | |
| 16 | | | | AH | | | |
| 17 | | | | AH | | | |
| 18 | | | | AH | | | |
| 19 | | | | AH | | | |
| 20 | | | | AH | | | |
| 21 | | | | AH | | | |
| 22 | 8.21 | 17 | AA | 0.016 | | | |
| 23 | 7.55 | | | 0.015 | | | |
| 24 | | | | AH | | | |
| 25 | | | | AH | | | |
| 26 | | | | AH | | | |
| 27 | | | | AH | | | |
| 28 | | | | AH | | | |
| 29 | | | | AH | | | |
| 30 | | | | AH | | | |
| 31 | | | | | | | |
| TOTAL | 15.76 | 17 | 0 | 0.031 | 0 | 0 | 0 |
| AVG | N/A | 17 | 0 | 0.0155 | | | |
| MAX | 8.21 | 17 | 0 | 0.016 | | | |
| MIN | 7.55 | 17 | 0 | 0.015 | 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:

05/05/2004

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) :

April 2004

Application :

3IB00016*GD

5/5/2004

Sampling Station Description :

Discharge from Regenerate Neutralization Pits

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|-----------------------------------|-----|
| 00550 | 04/22/2004 | Less than MDL. | 5. |
| 50050 | 04/01/2004 | No discharge performed this date. | . |
| 50050 | 04/02/2004 | No discharge performed this date. | . |
| 50050 | 04/03/2004 | No discharge performed this date. | . |
| 50050 | 04/04/2004 | No discharge performed this date. | . |
| 50050 | 04/05/2004 | No discharge performed this date. | . |
| 50050 | 04/06/2004 | No discharge performed this date. | . |
| 50050 | 04/07/2004 | No discharge performed this date. | . |
| 50050 | 04/08/2004 | No discharge performed this date. | . |
| 50050 | 04/09/2004 | No discharge performed this date. | . |
| 50050 | 04/10/2004 | No discharge performed this date. | . |
| 50050 | 04/11/2004 | No discharge performed this date. | . |
| 50050 | 04/12/2004 | No discharge performed this date. | . |
| 50050 | 04/13/2004 | No discharge performed this date. | . |
| 50050 | 04/14/2004 | No discharge performed this date. | . |
| 50050 | 04/15/2004 | No discharge performed this date. | . |
| 50050 | 04/16/2004 | No discharge performed this date. | . |
| 50050 | 04/17/2004 | No discharge performed this date. | . |
| 50050 | 04/18/2004 | No discharge performed this date. | . |
| 50050 | 04/19/2004 | No discharge performed this date. | . |
| 50050 | 04/20/2004 | No discharge performed this date. | . |
| 50050 | 04/21/2004 | No discharge performed this date. | . |
| 50050 | 04/24/2004 | No discharge performed this date. | . |
| 50050 | 04/25/2004 | No discharge performed this date. | . |
| 50050 | 04/26/2004 | No discharge performed this date. | . |
| 50050 | 04/27/2004 | No discharge performed this date. | . |
| 50050 | 04/28/2004 | No discharge performed this date. | . |
| 50050 | 04/29/2004 | No discharge performed this date. | . |
| 50050 | 04/30/2004 | No discharge performed this date. | . |

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :

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

Station Code :

602

Reported Date (Month Year) :

April 2004

Application :

3IB00016*GD

5/5/2004

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 :

CCB 125

Analyst:

Leo J. Harte

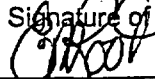
| (1) | 2 | 2 | 3 | 2 | 3 | 1 | |
|-------|---|---|-----------------------|--|---|-----------------------------|---|
| (2) | 998 | 998 | 1 | 998 | 1 | 999 | |
| Day | (00980) Iron, Total Recoverable ug/l | (01119) Copper, Total Recoverable ug/l | (00400) pH S.U. | (00530) Total Suspended Solids mg/l | (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:

05/05/2004

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) :

April 2004

Application :

3IB00016*GD

5/5/2004

Sampling Station Description :

Discharge from Chemical Cleaning Lagoon

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|---------------------------------------|-----|
| 00980 | 04/01/2004 | 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.
Perry OH 44081

Station Code :

800

Reported Date (Month Year) :

April 2004

Application :

3IB00016*GD

5/5/2004

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 :

CCB 125

Analyst:

Leo J. Harte

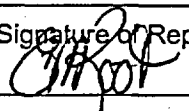
| (1) | 3 | 1 | | | | | |
|-------|---|-----------------------------------|---|---|---|---|---|
| (2) | 1 | 999 | | | | | |
| Day | (01119) Copper, Total Recoverable ug/l | (00011) Water Temperature F | | | | | |
| 01 | 3.2 | 42 | | | | | |
| 02 | | 41 | | | | | |
| 03 | | 41 | | | | | |
| 04 | | 42 | | | | | |
| 05 | | 42 | | | | | |
| 06 | | 41 | | | | | |
| 07 | | 41 | | | | | |
| 08 | | 41 | | | | | |
| 09 | | 42 | | | | | |
| 10 | | 43 | | | | | |
| 11 | | 44 | | | | | |
| 12 | | 44 | | | | | |
| 13 | | 43 | | | | | |
| 14 | | 42 | | | | | |
| 15 | | 43 | | | | | |
| 16 | | 44 | | | | | |
| 17 | | 44 | | | | | |
| 18 | | 45 | | | | | |
| 19 | | 46 | | | | | |
| 20 | | 51 | | | | | |
| 21 | | 50 | | | | | |
| 22 | | 50 | | | | | |
| 23 | | 49 | | | | | |
| 24 | | 48 | | | | | |
| 25 | | 46 | | | | | |
| 26 | | 45 | | | | | |
| 27 | | 47 | | | | | |
| 28 | | 47 | | | | | |
| 29 | | 49 | | | | | |
| 30 | | 50 | | | | | |
| 31 | | | | | | | |
| TOTAL | 3.2 | 1343 | 0 | 0 | 0 | 0 | 0 |
| AVG | 3.2 | 44.7667 | | | | | |
| MAX | 3.2 | 51 | | | | | |
| MIN | 3.2 | 41 | 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.

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Perry Nuclear Power Plant
10 Center Rd.
Perry OH 44081

Station Code :

800

Reported Date (Month Year) :

April 2004

Application :

3IB00016*GD

5/5/2004

Sampling Station Description :

Intake Water from Lake Erie