

Exelon Nuclear  
200 Exelon Way  
Kennett Square, PA 19348

www.exeloncorp.com

April 25, 2001

Docket Nos: 50-352  
50-353

License Nos: NPF-39  
NPF-85

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

Subject: Pottstown-Limerick Airport IW NPDES Permit No. PA0054089 Renewal

Dear Sir/Madam:

In accordance with Appendix B, Section 3.2 of the Limerick Generating Station Units 1 and 2 Operating Licenses, this letter is being submitted to provide a copy of the renewed NPDES permit for the Pottstown-Limerick Airport. Enclosed is a copy of the approval letter and the permit.

If you have any questions or require additional information, please do not hesitate to contact us.

Very truly yours,



James A Hutton  
Director-Licensing

cc: H.J. Miller, Administrator, Region I, USNRC  
A.L. Burritt, USNRC Senior Resident Inspector, LGS  
C. Gratton, USNRC Senior Project Manager

C001



Pennsylvania Department of Environmental Protection

Lee Park, Suite 6010  
555 North Lane  
Conshohocken, PA 19428  
March 29, 2001

Southeast Regional Office

610-832-6130  
Fax 610-832-6133

**CERTIFIED MAIL NO. P 092 248 041**

Mr. James D. Von Suskil  
Exelon Generation Company  
Vice President, Limerick Generating Station  
200 Exelon Way  
Kennett Square, PA 19348

Re: IW NPDES Permit No. PA0054089  
Pottstown – Limerick Airport  
APS ID No. 338207, AUTH ID No. 345406  
Limerick Township  
Montgomery County

Dear Mr. Von Suskil:

Your permit is enclosed.

The discharge limitations and monitoring requirements in your NPDES permit are also typed on the original Discharge Monitoring Report (DMR) that is attached to the permit. That original DMR is provided as a master, so do not write on it, but rather: (1) make copies of it; (2) after doing the sample analyses and flow measurements required by the permit, fill out all the empty blocks on one of the copies by following the instructions on the back of the original DMR; and (3) make copies of the filled out copy and send one to each of the addresses listed in the permit.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.



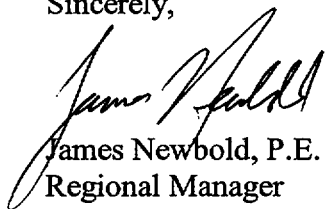
Mr. James D. Von Suskil

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March 29, 2001

If you have any questions, please call Mr. Pravin Patel at 610-832-6090.

Sincerely,



James Newbold, P.E.  
Regional Manager  
Water Management

Enclosures

cc: Montgomery County Health Department (Transfer Letter Only)  
Operations Section  
Permits and Compliance Section  
Permits Chief  
File  
Re 30 (DAF00)263-1A

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
WATER MANAGEMENT PROGRAM

**AUTHORIZATION TO DISCHARGE UNDER THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

**NPDES PERMIT NO. PA PA0054089**

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 et seq. (the "Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 et seq.,

**Exelon Generation Company - Client ID No. 147686**

is authorized to discharge from a facility located at

**Pottstown - Limerick Airport - Site ID No. 452248**

**3310 West Ridge Avenue**

**Pottstown, PA 19461**

**Municipality Limerick Township County Montgomery**

to receiving waters named **Outfalls 001 and 006 - Unnamed Tributary to Hartenstine Creek.**  
**Outfalls 002, 003, 004, 005, 007, and 008 - Possum Hollow Run.**  
**(3D Schuylkill River/French Creek Watershed)**

in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B, and C hereof.

**THIS PERMIT SHALL EXPIRE AT MIDNIGHT, March 29, 2006**

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.
2. Failure to comply with the terms, conditions, or effluent limitations of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
3. Complete application for renewal of this permit, or notification of intent to cease discharging by the expiration date, must be submitted to the Department at least 180 days prior to the above expiration date (unless permission has been granted by the Department for submission at a later date), using the appropriate NPDES permit application form.

In the event that a timely and complete application for renewal has been submitted and the Department is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit, including submission of the Discharge Monitoring Reports, will be automatically continued and will remain fully effective and enforceable pending the grant or denial of the application for permit renewal.

4. This NPDES permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

**DATE PERMIT ISSUED**

03/29/01

**ISSUED BY**

**DATE PERMIT AMENDMENT ISSUED**

**TITLE:**

**Regional Manager**  
**Water Management**

**DATE EFFECTIVE**

04/01/01

**DISCHARGE REQUIREMENTS FOR INDUSTRIAL WASTEWATER FACILITIES**Permit No. PA0054089**PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS**1. For Outfall 001 ; Latitude 40°13'20" , Longitude 75°33'24" , River Mile Index 0.5 , Stream Code 01644which receives waste water from an oil/water separator.

- a. The permittee is authorized to discharge during the period from issuance through expiration
- b. Based on the production data and anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements, Footnotes, and Supplemental Information on page 2b).

Discharge Parameter	Effluent Limitations						Monitoring Requirements		
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/l)				Minimum Measurement Frequency	Required Sample Type	24-Hour Report Under A3.C(4)
	Average Monthly	Maximum Daily	Inst. Minimum	Average Monthly	Maximum Daily	Inst. Maximum <sup>(2)</sup>			
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS					Monitor/Report		Quarterly	Grab	
GASOLINE RANGE ORGANICS					Monitor/Report		Quarterly	Grab	
DIESEL RANGE ORGANICS					Monitor/Report		Quarterly	Grab	
pH					Monitor/Report		1/Year	Grab	
CBOD <sub>5</sub>					Monitor/Report		1/Year	Grab	
COD					Monitor/Report		1/Year	Grab	
OIL AND GREASE					Monitor/Report		1/Year	Grab	
TOTAL SUSPENDED SOLIDS					Monitor/Report		1/Year	Grab	
IRON (DISSOLVED)					Monitor/Report		1/Year	Grab	

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): 001

# DISCHARGE REQUIREMENTS FOR INDUSTRIAL WASTEWATER FACILITIES

Permit No. PA0054089

## PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

1.	For Outfall	002*	, Latitude	40°14'23"	, Longitude	75°33'50"	, River Mile Index	3.0	, Stream Code	01640
	Outfall	003*	, Latitude	40°14'23"	, Longitude	75°33'20"	, River Mile Index	3.0	, Stream Code	01640
	Outfall	004*	, Latitude	40°14'20"	, Longitude	75°33'15"	, River Mile Index	3.0	, Stream Code	01640
	Outfall	005*	, Latitude	40°14'21"	, Longitude	75°33'10"	, River Mile Index	3.0	, Stream Code	01640
	Outfall	006*	, Latitude	40°14'34"	, Longitude	75°33'20"	, River Mile Index	0.6	, Stream Code	01644
	Outfall	007*	, Latitude	40°14'20"	, Longitude	75°33'25"	, River Mile Index	3.0	, Stream Code	01640
	Outfall	008*	, Latitude	40°14'10"	, Longitude	75°33'30"	, River Mile Index	3.0	, Stream Code	01640

which receives stormwater from stormwater runoff.

a. The permittee is authorized to discharge during the period from issuance through expiration.

b. Based on the production data and anticipated stormwater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements, Footnotes, and Supplemental Information on page 2b).

Discharge Parameter	Effluent Limitations			Monitoring Requirements	
	Concentrations (mg/l)				
	Average Annual	Average Semi Annual	Maximum Daily	Minimum Measurement Frequency	Required Sample Type
CBOD <sub>5</sub>			Monitor/Report	1/Year	Grab
COD			Monitor/Report	1/Year	Grab
OIL AND GREASE			Monitor/Report	1/Year	Grab
pH			Monitor/Report	1/Year	Grab
TOTAL SUSPENDED SOLIDS			Monitor/Report	1/Year	Grab
IRON (DISSOLVED)			Monitor/Report	1/Year	Grab

\* Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outfalls 003

\* No monitoring required for Outfalls 002, 004, 005, 006, 007, and 008.

\* See Other Requirements No. 9 on page 16.

Permit No. PA 0054089

## DISCHARGE REQUIREMENTS FOR INDUSTRIAL WASTEWATER FACILITIES

### PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONT'D)

- c. All discharges of floating materials, oil, grease, scum, and substances which produce tastes, odors, turbidity, or settle to form deposits shall be controlled to levels which will not be inimical or harmful to the water uses to be protected as to human, animal, plant, or aquatic life.

#### Footnotes (Refer to page 2 and 2a)

- (1) When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured, recorded and reported on the Discharge Monitoring Report Form.
- (2) The Instantaneous Maximum Discharge Limitations are for compliance use by the Department only. Do not report instantaneous maximums on Discharge Monitoring Reports (DMRs) or supplemental DMRs unless specifically required on those forms to do so.

Re 30 (DAF00)263-1H

## 2. DEFINITIONS

- a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.
- b. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- c. "Daily discharge" means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day.
- d. "Average" refers to the use of an arithmetic mean, unless otherwise specified in this permit.
- e. "Geometric Average (mean)" means the average of a set of n sample results given by the  $n^{\text{th}}$  root of their product.
- f. "Average monthly" discharge limitation means the highest allowable average of "daily values" over a calendar month, calculated as the sum of all "daily values" measured during a calendar month divided by the number of "daily values" measured during that month.
- g. "Average weekly" discharge limitation means the highest allowable average of "daily values" over a calendar week, calculated as the sum of all "daily values" measured during a calendar week divided by the number of "daily values" measured during that week.
- h. "Maximum daily" discharge limitation means the highest allowable "daily discharge."
- i. "Maximum any time" (or instantaneous maximum) means the level not to be exceeded, at any time, in any grab sample.
- j. "Composite Sample" (for all except GC/MS volatile organic analysis) means a combination of at least eight individual samples of at least 100 milliliters, each obtained at periodic intervals during the operating hours of a facility over a 24-hour period. The composite must be flow proportional, either the volume of each individual sample is proportional to discharge flow rates, or the sampling interval (for constant volume samples) is proportional to the flow rates, over the time period used to produce the composite.

"Composite Sample for GC/MS volatile organic analysis" consists of at least four (rather than eight) aliquots or grab samples collected during actual hours of discharge over a 24-hour period and need not be flow proportioned. The four samples are composited in the laboratory immediately before analysis, and only one analysis performed.

The maximum time period between individual samples used for any "composite sample" shall not exceed two hours, except that for wastes of a uniform nature the samples may be collected on a frequency of at least twice per working shift and shall be equally spaced over a 24-hour period (or over the operating day if flows are of a shorter duration).

- k. "Grab Sample" means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not to exceed 15 minutes.



- l. "I-S" means immersion stabilization - in which a calibrated device is immersed in the wastewater until the reading is stabilized.
- m. The "Daily Average" temperature means the average of all temperature measurements made, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar day or during the operating day if flows are of a shorter duration.
- n. "Measured Flow" means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.
- o. "At outfall XXX" means a sampling location in outfall line XXX below the last point at which wastes are added to outfall line XXX, or where otherwise specified.
- p. "Estimate" means to be based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters and batch discharge volumes.
- q. "Non-contact cooling water" means water used to reduce temperature, which does not come in direct contact with any raw material, intermediate product, waste product (other than heat), or finished product.  
  
Such water may on occasion, as a result of corrosion, cooling system leakage or similar cooling system failures contain small amounts of process chemicals: provided that all reasonable measures have been taken to prevent, reduce, eliminate, and control the maximum extent feasible such contamination: and provided further, that all reasonable measures have been taken that will mitigate the effects of such contamination once it has occurred.
- r. "Toxic Pollutant" - Those pollutants, or combinations of pollutants, including disease-causing agents, which after discharge and upon exposure, ingestion, inhalation, or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains, will, on the basis of information available to the Department, cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformations in such organisms or their offspring.
- s. "Hazardous substance" means any substance designated under 40 CFR Part 116, pursuant to Section 311 of the Clean Water Act.
- t. "Publicly Owned Treatment Works" or "POTW" means a facility as defined by Section 212 of the Clean Water Act, which is owned by a State or Municipality, as defined by Section 502(4) of the Clean Water Act, including any sewers that convey wastewater to such a treatment works, but not including pipes, sewers or other conveyances not connected to a facility providing treatment. The term also means the municipality as defined in Section 502(4) of the Clean Water Act, which has jurisdiction over the indirect discharges to and the discharges from such a treatment works.
- u. "Industrial User" means an establishment which discharges or introduces industrial wastes into a Publicly Owned Treatment Works (POTW).
- v. "Total Dissolved Solids" means the total dissolved (filterable) solids as determined by use of the method specified in 40 CFR Part 136.
- w. "Storm water associated with industrial activity" means the discharge from any conveyance which is used for collecting and conveying storm water and which is directly related to manufacturing, processing or raw materials storage areas as defined at 40 CFR Part 122.26(b)(14).
- x. "Storm water" means storm water runoff, snow melt runoff and surface runoff and drainage.

- y. "Best Management Practices ("BMPs")" means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of "waters of the United States." BMPs also include treatment requirements, operating procedures and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

3. SELF-MONITORING, REPORTING, AND RECORDKEEPING

a. Representative Sampling

- (1) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

(2) Records Retention

Except for records of monitoring information required by this permit related to the permittee's sewage sludge use and disposal activities, which shall be retained for a period of at least five years, all records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for three (3) years from the date of the sample measurement, report or application. The three-year period shall be extended as requested by the Department or the EPA Regional Administrator.

(3) Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- (i) The exact place, date, and time of sampling or measurements;
- (ii) The person(s) who performed the sampling or measurements;
- (iii) The date(s) the analyses were performed;
- (iv) The person(s) who performed the analyses;
- (v) The analytical techniques or methods used; and the associated detection level; and
- (vi) The results of such analyses.

(4) Test Procedures

Unless otherwise specified in this permit, the test procedures for the analysis of pollutants shall be those contained in 40 CFR Part 136 (or in the case of sludge use or disposal, approved under 40 CFR Part 136, unless otherwise specified in 40 CFR Part 503), or alternate test procedures approved pursuant to those parts, unless other test procedures have been specified in the permit.

(5) Quality Assurance/Control

In an effort to assure accurate self-monitoring analyses results:

- (a) Permittee or its designated laboratory shall participate in the periodic scheduled quality assurance inspections conducted by the Department and EPA.

- (b) The permittee or its designated laboratory shall develop and implement a program to assure the quality and accuracy of the analyses performed to satisfy the requirements of this permit, in accordance with 40 CFR Part 136, Appendix A.

b. Reporting of Monitoring Results

- (1) The permittee shall effectively monitor the operation and efficiency of all wastewater treatment and control facilities, and the quantity and quality of the discharge(s) as specified in this permit.
- (2) Unless instructed otherwise in Part C of this permit, monitoring results obtained each month shall be summarized for that month and reported on a Discharge Monitoring Report (DMR).
- (3) The completed DMR form shall be signed and certified either by the following applicable person (as defined in 40 CFR 122.22(a)) or by that person's duly authorized representative (as defined in 40 CFR 122.22(b)):
  - for a corporation - by a responsible corporate officer;
  - for a Partnership or Sole Proprietorship - by a general partner or the proprietor, respectively; and
  - for a Municipality, State, Federal or other public agency - by a principle executive officer or ranking elected official.

If signed by other than the above, written notification of delegation of DMR signatory authority must be submitted to the Department.

- (4) If the permittee monitors any pollutant, using analytical methods described in A.3.a(4) above, more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR.

c. Reporting Requirements

- (1) Planned Changes - The permittee shall give notice to the Department as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:
  - (a) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in § 122.29(b); or
  - (b) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under § 122.42(a)(1); or
  - (c) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.

- (2) Anticipated Non-Compliance

The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity, which may result in noncompliance with permit requirements.

(3) Compliance Schedules

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

(4) Twenty-Four Hour Reporting

- (a) The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate and prevent reoccurrence of the noncompliance.
- (b) The following shall be included as information which must be reported within 24 hours under this paragraph:
  - (i) Any unanticipated bypass which exceeds any effluent limitation in the permit.
  - (ii) Any catastrophic event which causes the discharge to exceed effluent limitations in this permit.
  - (iii) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Department in the permit to be reported within 24 hours.
- (c) The Department may waive the written report on a case-by-case basis for reports under paragraph C (4)(a) of this section if the oral report has been received within 24 hours.

(5) Other Noncompliance

The permittee shall report all instances of noncompliance not reported under paragraphs C (3), (4) of this section, at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph C (4) of this section.

Compliance with reporting requirements under A.3.c. above, shall not excuse a person from immediate notification of incidents causing or threatening pollution pursuant to 25 Pa. Code 101.2.

d. Specific Toxic Substance Notification Levels (for Manufacturing, Commercial, Mining, and Silvicultural Dischargers) - The permittee shall notify the Department as soon as it knows or has reason to believe the following:

- (1) That any activity has occurred, or will occur, which would result in the discharge of any toxic pollutant which is not limited in the permit, if that discharge on a routine or frequent basis will exceed the highest of the following "notification levels:"
  - (a) One hundred micrograms per liter;
  - (b) Two hundred micrograms per liter for acrolein and acrylonitrile;
  - (c) Five hundred micrograms per liter for 2, 4-dinitrophenol and 2-methyl -4, 6-dinitrophenol;
  - (d) One milligram per liter for antimony;

- (e) Five (5) times the maximum concentration value reported for that pollutant in the permit application;
  - (f) Any other notification level established by the Department.
- (2) That any activity has occurred, or will occur, which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels:"
- (a) Five hundred micrograms per liter;
  - (b) One milligram per liter for antimony;
  - (c) Ten (10) times the maximum concentration value reported for that pollutant in the permit application;
  - (d) Any other notification level established by the Department.

## PART B

### 1. MANAGEMENT REQUIREMENTS

#### a. Compliance Schedules

- (1) The permittee shall achieve compliance with the terms and conditions of this permit within the time frames specified in Part C of this permit.
- (2) The permittee shall submit reports of compliance or noncompliance with, or progress reports as applicable, any interim and final requirements contained in this permit. Such reports shall be submitted no later than 14 days following the applicable schedule date or compliance deadline.

#### b. Permit Modification, Termination or Revocation and Reissuance

- (1) This permit may be modified, suspended or revoked in whole or in part during its term for causes including, not limited to, any of the causes specified in 25 Pa. Code, Chapter 92.
- (2) The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated non-compliance, does not stay any permit condition.
- (3) In the absence of a Departmental action to modify or revoke and reissue this permit, the permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time specified in the regulations that establish those standards or prohibitions.

#### c. Duty to Provide Information

- (1) The permittee shall furnish to the Department, within a reasonable time, any information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.
- (2) The permittee shall furnish to the Department, upon request, copies of records required to be kept by this permit.
- (3) Other Information - Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Department, it shall promptly submit such facts or information to the Department.
- (4) Where the permittee is a POTW, the permittee shall provide adequate notice to the Department of the following:
  - (a) Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to Sections 301 and 306 of the Clean Water Act if it were otherwise discharging those pollutants.
  - (b) Any substantial change in the volume or character of pollutants being introduced into the POTW by an Industrial User, which was discharging into the POTW at the time of issuance of this permit.

- (c) Adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW. The submission of the above information in the POTW's Annual Wasteload Management Report, required under the provisions of 25 Pa. Code Chapter 94, will normally be considered as providing adequate notice to the Department, unless a more stringent time period is required by law, regulation or permit condition in which case the more stringent submission date shall apply.
- (d) The identity of Industrial Users served by the POTW which are subject to pretreatment standards adopted under Section 307(b) of the Clean Water Act; the POTW shall also specify the total volume of discharge and estimated concentration of each pollutant discharged into the POTW by the Industrial Users.
- (e) The POTW shall require all Industrial Users to comply with the reporting requirements of Sections 204(b), 307 and 308 of the Clean Water Act and any regulations adopted thereunder, and the Clean Streams Law and any regulations adopted thereunder.

d. Facilities Operation

The permittee shall, at all times, maintain in good working order and properly operate and maintain all facilities and systems which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls including appropriate quality assurance procedures. This provision also includes the operation of backup or auxiliary facilities or similar systems, which are installed by the permittee, only when necessary to achieve compliance with the terms and conditions of this permit.

The permittee shall develop, install and maintain Best Management Practices to control or abate the discharge of pollutants when the practices are reasonably necessary to achieve the effluent limitations and standards in this permit or to carry out the purposes and intent of the Clean Water Act, or when required to do so by the Department.

e. Adverse Impact

The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit, which has a reasonable likelihood of adversely affecting human health or the environment.

f. Bypassing

- (1) Bypassing Not Exceeding Permit Limitations - The permittee may allow a bypass to occur which does not cause effluent limitations to be violated, but only if the bypass is essential for maintenance to assure efficient operation. This type of bypassing is not subject to the reporting and notification requirements of Part A.3.c.

- (2) Other Bypassing - In all other situations, bypassing is prohibited unless all of the following conditions are met:
- (a) A bypass is unavoidable to prevent loss of life, personal injury or "severe property damage;"
  - (b) There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed (in the exercise of reasonable engineering judgement) to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance;
  - (c) The permittee submitted the necessary reports required under Part A.3.c.
- (3) The Department may approve an anticipated bypass, after considering its adverse effects, if the Department determines that it will meet the three Conditions (a through c) listed above.

## 2. PENALTIES AND LIABILITY

### a. Violations of Permit Conditions

Any person violating Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act or any permit condition or limitation implementing such sections in a permit issued under Section 402 of the Act is subject to civil, administrative, and/or criminal penalties as set forth in 40 CFR 122.41(a)(2).

Any person or municipality who violates any provision of this permit, any rule, regulation, or order of the Department, or any condition or limitation of any permit issued pursuant to the Clean Streams Law is subject to criminal and/or civil penalties, as set forth in Sections 602, 603 and 605 of the Clean Streams Law.

### b. Falsifying Information

Any person who does any of the following:

Falsifies, tampers with or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit; or

Knowingly makes any false statement, representation or certification in any record or other document submitted or required to be maintained under this permit (including monitoring reports or reports of compliance or non-compliance);

shall, upon conviction, be punished by a fine and/or imprisonment, as set forth in 18 P.S. § 4904 and 40 CFR 122.41(j)(5) and (k)(2).

### c. Liability

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance, pursuant to Section 309 of the Clean Water Act or Sections 602, 603 or 605 of the Clean Streams Law.



Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject to under the Clean Water Act and the Clean Streams Law.

d. Enforcement Proceedings

- (1) It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity, in order to maintain compliance with the conditions of this permit.

3. OTHER RESPONSIBILITIES

a. Right of Entry

Pursuant to Sections 5(b) and 305 of the Pennsylvania's Clean Streams Law and 25 Pa. Code, Chapter 92, the permittee shall allow the head of the Department, the EPA Regional Administrator and/or their authorized representatives, upon the presentation of credentials and other documents as may be required by law:

- (1) To enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- (2) To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (3) To inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit;
- (4) To sample or monitor, at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

b. Transfer of Permits

- (1) *Transfers by modification.* Except as provided in paragraph (2) of this section, a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued, or a minor modification made to identify the new permittee and incorporate such other requirements as may be necessary under CWA.
- (2) *Automatic transfers.* As an alternative to transfers under paragraph (1) of this section, any NPDES Permit may be automatically transferred to a new permittee if:
  - (a) The current permittee notifies the Department at least 30 days in advance of the proposed transfer date in paragraph (2)(b) of this section;
  - (b) The notice includes the appropriate Department transfer form signed by the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between them; and
  - (c) The Department does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. A modification under this subparagraph may also be a minor modification. If this notice is not received, the transfer is effective on the date specified in the agreement mentioned in paragraph (2)(b) of this section.

- (5) In the event the Department does not approve transfer of the permit, the new owner or controller must submit a new permit application.

c. Property Rights

The issuance of this permit does not convey any property rights of any sort or any exclusive privilege.

d. Other Laws

The issuance of a permit does not authorize any injury to persons or property or invasion of other private rights, or any infringement of State or local law or regulations.

**PART C****OTHER REQUIREMENTS**

1. If, at anytime, the Department determines that the discharge permitted herein creates a public nuisance or causes environmental harm to the receiving water of the Commonwealth, the Department may require the permittee to adopt such remedial measures as will produce a satisfactory effluent. If the permittee fails to adopt such remedial measures within the time specified by the Department, the right to discharge herein granted shall, upon notice by the Department, cease and become null and void.
2. If the applicable standard or effluent guideline limitation relating to the application for Best Available Technology Economically Achievable (BAT) or to Best Conventional Technology (BCT) is developed by the Department, or by EPA for this type of industry, and if such standard or limitation is more stringent than the corresponding conditions of this permit (or if it controls pollutants not covered by this permit), then the Department reserves the right to modify, or to revoke and reissue the permit to conform with that standard or limitation.
3. If there is a change in ownership of this facility or in permittee name, an application for transfer of permit must be submitted to the Department.
4. Collected screenings, slurries, sludges, and other solids shall be handled and disposed of in compliance with 25 Pa. Code, Chapters 287, 288, 289, 291, 297, and 299 (relating to permits and requirements for landfilling, land application, incineration, and storage of residual waste), Chapters 262, 263 and 264 (related to permits and requirements for landfilling and storage of hazardous sludge) and applicable Federal Regulations, the Federal Clean Water Act, RCRA and their amendments.
5. Product Contaminated Stormwater Runoff
  - a. In accordance with the provisions of Section 97.63 of the Department's rules and regulations, the petroleum marketing terminals shall be provided with facilities to remove petroleum products from product-contaminated storm water runoff before discharging into the waters of the Commonwealth.

Unless it can be shown that an alternate design is equivalent, removal facilities shall consist of an oil/water separator, designed to American Petroleum Institute (API) specifications and operated in accordance with the following standards:

- (1) The separator shall be capable of treating 80 gallons per minute for each acre of land draining to it during the precipitation runoff period (e.g., a 2-acre drainage area will require a separator designed to achieve 160 gpm).
- (2) The horizontal velocity through the separator shall not exceed 3 feet per minute, except when rainfall produces a runoff exceeding 80 gallons per minute per acre of land draining to the separator. When such runoff occurs, there will be no limit on the horizontal velocity.

**PART C****OTHER REQUIREMENTS**

- (3) The detention time of water flowing through the separator shall be at least 20 minutes except when rainfall produces a runoff exceeding 80 gallons per minute per acre of land draining to the separator. When such runoff occurs, the detention time may be less than 20 minutes.

If the permittee proposes to utilize an oil/water separator that does not meet, or is not equivalent to, the design standards above, the permittee shall obtain a Part II water quality management permit for the construction and operation of the proposed oil/water separator and its associated equipment.

- b. The separator shall be inspected after each rainfall to insure that the petroleum product is being properly removed. Petroleum products shall not be allowed to accumulate in the separator in amounts in excess of the design limitations of the separator, or in a manner which adversely affects the separator's operation.
- c. Solids build-up in the separator shall be measured after each rainfall. When build-up exceeds either 1-foot depth or the design criteria of the oil/water separator, or otherwise hinders the separator's operation, the solids shall be removed before the next rainfall.
- d. Petroleum products and solids removed from the separator shall be handled and disposed of in a manner that will not violate the laws of the Commonwealth of Pennsylvania.
- e. A record showing the dates when solids and petroleum products are removed from the separator, and the location of the disposal site shall be kept for a period of at least 3 years. These records shall be made available upon request by the Department for inspection.

6. Additional Monitoring and Reporting Requirements

As indicated in Part A of this permit, the permittee is expected to perform discharge sampling, analysis, and reporting. The results of this reporting shall be submitted to the Department using the attached Discharge Monitoring Report form (DMR). Copies of the master DMR may be photocopied for use in submitting such reports.

These DMR's shall be submitted for the preceding calendar quarter no later than the following dates: January 28, April 28, July 28, and October 28. The DMR shall be submitted to:

Regional Manager  
Water Management\  
Department of Environmental Protection  
Lee Park, Suite 6010  
555 North Lane  
Conshohocken, PA 19428

**PART C****OTHER REQUIREMENTS****7. Preparedness, Prevention, and Contingency (PPC) Planning**

The permittee shall develop and maintain a PPC plan consistent with Department guidelines. When no PPC plan has been developed, the permittee shall do so and submit it to the Department for review no later than six (6) months from the date of this permit. Should a leak or spill of petroleum product or other material occur, the relevant emergency response and reporting requirements are to be promptly carried out.

**8. Definitions**

- a. "Petroleum" and "petroleum products" mean gasoline, diesel fuel, aviation fuel, fuel oils, additives, petroleum lubricants, solvents, asphalts, and related materials which are stored, used or handled on site.
- b. "Total recoverable petroleum hydrocarbons" refers to that parameter which is quantified using the attached EPA Test Method 418.1 (spectrophotometric, infrared analysis) for water and wastewater.
- c. "Product-contaminated storm water runoff" means storm water that has come into contact with petroleum or petroleum products due to precipitation falling on, or flowing across, product-associated areas.
- d. "Product associated areas" means storage tanks, diked areas, immediate access roads, and product handling, packaging, loading and unloading areas where there is potential for leaks, and spills of petroleum products to occur.
- e. "Tank bottom water" means water which accumulates at the bottom of petroleum product storage tanks as a result of either condensate from the stored product or precipitation/infiltration around the roof cover perimeter seals and roof drains of storage tanks.
- f. "Diked area" means the area included within the protective diking around tank storage areas.

**9. Requirements Applicable to Storm Water Only Outfall(s)****A. Prohibition of Non-Storm Water Discharges**

- 1. Except as provided in A.2., all storm water outfall(s) shall be composed entirely of uncontaminated storm water.

**PART C****OTHER REQUIREMENTS**

2. The following non-storm water discharges may be authorized to be discharged through this outfall(s): discharges from fire fighting activities, irrigation drainage, lawn watering, routine external building washdown which does not use detergents or other compounds, air conditioning condensate, springs, uncontaminated groundwater and foundation or footing drains where flows are not contaminated with process materials such as solvents.
3. This permit does not authorize any discharge (stormwater or non-stormwater), which contains any pollutant which may cause or contribute to an impact on aquatic life or pose a substantial hazard to human health or the environment due to its quantity or concentration.
4. This permit does not authorize the discharge of any pollutant resulting from an on-site spill, any such occurrence is subject to Sections A.3.c of this permit.

**B. Preparedness, Prevention and Contingency Plans****1. Development of Plan**

Operators of facilities shall develop within 180 days a Preparedness, Prevention and Contingency (PPC) Plan in accordance with 25 Pa. Code Section 101.3 and the "Guidelines for the Development and Implementation of Environmental Emergency Response Plans" and "Supplemental Guidance for Development and Implementation of Preparedness, Prevention and Contingency (PPC) Plans Under The National Pollutant Discharge Elimination System (NPDES) Storm Water Permitting Program." The PPC plan shall identify potential sources of pollution, which may reasonably be expected to affect the quality of storm water discharges associated with industrial activity from the facility. In addition, the PPC Plan shall describe the implementation of practices, including best management practices (BMPs), which are to be used to reduce the pollutants in storm water discharges. BMP's include operating procedures and practices to control plant site runoff, spillage or leaks, sludges or waste disposal, or drainage from raw material storage.

**PART C****OTHER REQUIREMENTS****2. Special Requirements for SARA Title III, Section 313 Facilities**

- a. Facilities subject to SARA Title III, Section 313 shall include in the PPC Plan a description of releases to land or water of Section 313 water priority chemicals that have occurred within the last three years. Each of the following shall be evaluated for the reasonable potential for contributing pollutants to runoff: loading and unloading operations, outdoor storage activities, outdoor manufacturing or processing activities, significant dust or particulate generating process, and on-site waste disposal practices. Factors to consider include the toxicity of chemicals; quantity of chemicals used, produced or discharged; the likelihood of contact with storm water; and history of significant leaks or spills of toxic or hazardous pollutants.
- b. Engineering Certification. No storm water PPC Plan for facilities subject to SARA Title III, Section 313 requirements for chemicals, which are classified as "Section 313 Water Priority Chemicals" shall be effective unless it has been reviewed and certified by a Registered Professional Engineer.

**3. Comprehensive Site Compliance Evaluations and Record Keeping**

Qualified personnel shall conduct site compliance evaluations at appropriate intervals specified in the plan, but in no case less than once a year. Such evaluations shall provide:

- a. Areas contributing to a storm water discharge associated with industrial activity shall be visually inspected for evidence of, or the potential for, pollutants entering the drainage system. Measures to reduce pollutant loadings shall be evaluated to determine whether they are adequate and properly implemented in accordance with the terms of the permit or whether additional control measures are needed. Structural storm water management measures, sediment and erosion control measures, and other structural pollution prevention measures identified in the plan shall be observed to ensure that they are operating correctly. A visual inspection of equipment needed to implement the plan, such as spill response equipment, shall be made.

**PART C****OTHER REQUIREMENTS**

- b. Based on the results of the inspection, the description of potential pollutant sources identified in the PPC Plan, and pollution prevention measures and controls identified in the plan shall be revised as appropriate within fifteen (15) days of such inspection and shall provide for implementation of any changes to the plan in a timely manner, but in no case more than ninety (90) days after the inspection.

**C. Storm Water Monitoring Requirements****1. Sampling Requirements**

- a. For discharges from holding ponds or other impoundments with a retention period greater than 24 hours, (estimated by dividing the volume of the detention pond by the estimated volume of water discharged during the 24 hours previous to the time that the sample is collected) a minimum of one grab sample may be taken.
- b. All samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event.
- c. Grab samples shall be taken during the first 30 minutes of the discharge. If the collection of a grab sample during the first 30 minutes is impracticable, a grab sample can be taken during the first hour of the discharge and the discharger shall submit on the Department form entitled, "Additional Information for the Reporting of Storm Water Discharge Monitoring," a description of why a grab sample during the first 30 minutes was impracticable.
- d. Samples taken in compliance with the monitoring requirements specified above shall be taken from the discharge at each outfall.

When a facility has two or more outfalls that, based on a consideration of features and activities within the area drained by the outfall, the permittee reasonably believes discharge substantially identical effluents, the permittee may test the effluent of one of such outfalls and report that the quantitative data also applies to the substantially identical outfalls. In addition, for each outfall that the permittee believes is representative, an estimate of the runoff coefficient of the drainage area (e.g. low (under 40 percent), medium (40 to 65 percent), or high (above 65 percent)) shall be provided.



**PART C****OTHER REQUIREMENTS****2.     Sampling Waiver**

When the discharger is unable to collect samples due to adverse climatic conditions, the discharger must submit in lieu of sampling data a description of why samples could not be collected, including available documentation of the event. Adverse climatic conditions, which may prohibit the collection of samples include weather conditions that create dangerous conditions for personnel (such as local flooding, high winds, hurricane, tornadoes, electrical storms, etc.) or otherwise make the collection of a sample impracticable (drought, extended frozen conditions, etc.). This information shall be submitted on the attached Department form entitled, "Additional Information for the Reporting of Storm Water Discharge Monitoring." Dischargers are precluded from exercising this waiver more than once during a two-year period.

Re 30 (DAF00)263-1C

## DISCHARGE MONITORING REPORT (DMR)

NAME: EXELON GENERATION COMPANY

ADDRESS: 3310 WEST RIDGE AVENUE

POTTSTOWN, PA 19461

PA0054089

PERMIT NUMBER

001

DISCHARGE NUMBER

MONITORING PERIOD

FAC. ADDRESS: POTTSTOWN-LIMERICK AIRPORT

YEAR

MO

DAY

TO

YEAR

MO

DAY

MUNICIPALITY: LIMERICK TOWNSHIP

COUNTY: MONTGOMERY COUNTY

FORM APPROVED.

OMB NO. 2040-0004.

Southeast Region Facsimile

NOTE: Read instructions before completing this form

Parameter		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE MONTHLY	MAXIMUM DAILY	UNITS	INST MINIMUM	MAXIMUM DAILY	INST MAXIMUM				
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/QUARTER	GRAB
GASOLINE RANGE ORGANICS	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/QUARTER	GRAB
DIESEL RANGE ORGANICS	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/QUARTER	GRAB
pH	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/YEAR	GRAB
CBOD <sub>5</sub>	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/YEAR	GRAB
COD	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/YEAR	GRAB
	Sample Measurement										
	Permit Requirement										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN 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 SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years)				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
TYPE OR PRINT							AREA CODE NUMBER		YEAR	MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMIT EXPIRES 03/29/06

SUBMIT RENEWAL BY 09/29/05

### Paperwork Reduction Act Notice

Public reporting burden for this collection of information is estimated to vary from a range of 10 hours as an average per response for some minor facilities, to 110 hours as an average per response for some major facilities, with a weighted average for major and minor facilities of 18 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

### General Instructions

1. If form has been partially completed by preprinting, disregard instructions directed at entry of that information already preprinted.
2. Enter "Permittee Name/Mailing Address (and facility name/location, if different)," "Permit Number" and "Discharge Number" where indicated. (A separate form is required for each discharge.)
3. Enter dates beginning and ending "Monitoring Period" covered by form where indicated.
4. Enter each "Parameter" as specified in monitoring requirements of permit.
5. Enter "Sample Measurement" data for each parameter under "Quantity" and "Quality" in units specified in permit. "Average" is normally arithmetic average (geometric average for bacterial parameters) of all sample measurements for each parameter obtained during "Monitoring Period;" "Maximum" and "Minimum" are normally extreme high and low measurements obtained during "Monitoring Period." (Note to municipals with secondary treatment requirement: Enter 30-day average of sample measurement under "Average," and enter maximum 7-day average of sample measurements obtained during monitoring period under "Maximum.")
6. Enter "Permit Requirement" for each parameter under "Quantity" and "Quality" as specified in permit.
7. Under "No Ex" enter number of sample measurements during monitoring period that exceed maximum (and/or minimum or 7-day average as appropriate) permit requirement for each parameter. If none, enter "0".
8. Enter "Frequency of Analysis" both as "Sample Measurement" (actual frequency of sampling and analysis used during monitoring period) and as "Permit Requirement" specified in permit. (e.g., Enter "Cont," for continuous monitoring, "1/7" for one day per week, "1/30" for one day per month, "1/90" for one day per quarter, etc.)
9. Enter "Sample Type" both as "Sample Measurement" (actual sample type used during monitoring period) and as "Permit Requirement," (e.g., Enter "Grab" for individual sample, "24 HC" for 24-hour composite, "N/A" for continuous monitoring, etc.)
10. Where violations of permit requirements are reported, attach a brief explanation to describe cause and corrective actions taken, and reference each violation by date.
11. If "no discharge" occurs during monitoring period, enter "No Discharge" across form in place of data entry.
12. Enter "Name/Title of Principal Executive Officer" with "Signature of Principal Executive Officer of Authorized Agent," "Telephone Number" and "Date" at bottom of form.
13. Mail signed Report to Office(s) by date(s) specified in permit. Retain Copy for your records.
14. More detailed instructions for use of this Discharge Monitoring Report (DMR) form may be obtained from Office(s) specified in permit.

### Legal Notice

This report is required by law (33 U.S.C. 1318; 40 C.F.R. 125.27). Failure to report or failure to report truthfully can result in civil penalties not to exceed \$10,000 per day of violation; or in criminal penalties not to exceed \$25,000 per day of violation, or by imprisonment for not more than one year, or by both.

NAME: **EXELON GENERATION COMPANY**

 ADDRESS: **3310 WEST RIDGE AVENUE**
**POTTSTOWN, PA 19461**
**PA0054089**

PERMIT NUMBER

**001**

DISCHARGE NUMBER

MONITORING PERIOD

 FAC. ADDRESS: **POTTSTOWN-LIMERICK AIRPORT**

YEAR

MO

DAY

TO

YEAR

MO

DAY

 MUNICIPALITY: **LIMERICK TOWNSHIP**

 COUNTY: **MONTGOMERY COUNTY**

FORM APPROVED.

OMB NO. 2040-0004.

Southeast Region Facsimile

NOTE: Read instructions before completing this form

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		AVERAGE MONTHLY	MAXIMUM DAILY	UNITS	INST MINIMUM	MAXIMUM DAILY	INST MAXIMUM				
OIL AND GREASE	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/YEAR	GRAB
TOTAL SUSPENDED SOLIDS	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/YEAR	GRAB
IRON (DISSOLVED)	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/YEAR	GRAB
	Sample Measurement										
	Permit Requirement										
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NAME: EXELON GENERATION COMPANY

ADDRESS: 3310 WEST RIDGE AVENUE

POTTSTOWN, PA 19461

PA0054089

PERMIT NUMBER

003

DISCHARGE NUMBER

FORM APPROVED.

OMB NO. 2040-0004.

Southeast Region Facsimile

MONITORING PERIOD

FAC. ADDRESS: POTTSTOWN-LIMERICK AIRPORT

YEAR

MO

DAY

TO

YEAR

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DAY

MUNICIPALITY: LIMERICK TOWNSHIP

COUNTY: MONTGOMERY COUNTY

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	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/YEAR	GRAB
COD	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/YEAR	GRAB
OIL AND GREASE	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/YEAR	GRAB
pH	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/YEAR	GRAB
TOTAL SUSPENDED SOLIDS	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/YEAR	GRAB
IRON (DISSOLVED)	Sample Measurement	XXXX	XXXX	XXXX	XXXX		XXXX	MG/L			
	Permit Requirement	XXXX	XXXX		XXXX	MONITOR/REPORT	XXXX			1/YEAR	GRAB
	Sample Measurement										
	Permit Requirement										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN 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 SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years)				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
TYPE OR PRINT							AREA CODE NUMBER		YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMIT EXPIRES 03/29/06

SUBMIT RENEWAL BY 09/29/05

### Paperwork Reduction Act Notice

Public reporting burden for this collection of information is estimated to vary from a range of 10 hours as an average per response for some minor facilities, to 110 hours as an average per response for some major facilities, with a weighted average for major and minor facilities of 18 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

### General Instructions

1. If form has been partially completed by preprinting, disregard instructions directed at entry of that information already preprinted.
2. Enter "Permittee Name/Mailing Address (and facility name/location, if different)," "Permit Number" and "Discharge Number" where indicated. (A separate form is required for each discharge.)
3. Enter dates beginning and ending "Monitoring Period" covered by form where indicated.
4. Enter each "Parameter" as specified in monitoring requirements of permit.
5. Enter "Sample Measurement" data for each parameter under "Quantity" and "Quality" in units specified in permit. "Average" is normally arithmetic average (geometric average for bacterial parameters) of all sample measurements for each parameter obtained during "Monitoring Period;" "Maximum" and "Minimum" are normally extreme high and low measurements obtained during "Monitoring Period." (Note to municipals with secondary treatment requirement: Enter 30-day average of sample measurement under "Average," and enter maximum 7-day average of sample measurements obtained during monitoring period under "Maximum.")
6. Enter "Permit Requirement" for each parameter under "Quantity" and "Quality" as specified in permit.
7. Under "No Ex" enter number of sample measurements during monitoring period that exceed maximum (and/or minimum or 7-day average as appropriate) permit requirement for each parameter. If none, enter "0".
8. Enter "Frequency of Analysis" both as "Sample Measurement" (actual frequency of sampling and analysis used during monitoring period) and as "Permit Requirement" specified in permit. (e.g., Enter "Cont," for continuous monitoring, "1/7" for one day per week, "1/30" for one day per month, "1/90" for one day per quarter, etc.)
9. Enter "Sample Type" both as "Sample Measurement" (actual sample type used during monitoring period) and as "Permit Requirement," (e.g., Enter "Grab" for individual sample, "24 HC" for 24-hour composite, "N/A" for continuous monitoring, etc.)
10. Where violations of permit requirements are reported, attach a brief explanation to describe cause and corrective actions taken, and reference each violation by date.
11. If "no discharge" occurs during monitoring period, enter "No Discharge" across form in place of data entry.
12. Enter "Name/Title of Principal Executive Officer" with "Signature of Principal Executive Officer of Authorized Agent," "Telephone Number" and "Date" at bottom of form.
13. Mail signed Report to Office(s) by date(s) specified in permit. Retain Copy for your records.
14. More detailed instructions for use of this Discharge Monitoring Report (DMR) form may be obtained from Office(s) specified in permit.

### Legal Notice

This report is required by law (33 U.S.C. 1318; 40 C.F.R. 125.27). Failure to report or failure to report truthfully can result in civil penalties not to exceed \$10,000 per day of violation; or in criminal penalties not to exceed \$25,000 per day of violation, or by imprisonment for not more than one year, or by both.

## **INSTRUCTIONS FOR UTILIZING**

### **NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)**

#### **DISCHARGE MONITORING REPORT (DMR)**

The original DMR form(s) included with your permit are provided to serve as a master. Copies of this form must be used when reporting the results of the monitoring requirements in your permit. Do not write on or send the original master. If you receive computer generated preprinted DMR forms, they should be used in place of the enclosed forms.

**Please make a note of your permit expiration date on the master DMR so that you will be reminded to submit your renewal application 180 days prior to expiration.**

A "Monitor/Report" requirement contained in a permit requirement block indicates that the parameter is monitored and the test result reported in the appropriate block. Any test methods specified in Part A or Part C of the permit must be used.

An "Average Weekly" value is defined as the highest weekly arithmetic average value observed during the monthly monitoring period.

Loading or mass units shall be reported as the average of the calculated daily loadings during the monthly, weekly, or daily measurement period.

For parameters for which the effluent limit is lower than the Method Detection Limit (MDL) of the most sensitive existing EPA approved (40 CFR Part 136) test method or DEP approved method, the parameters should be analyzed using the test method specified in Part C of the permit. The sample results must be specified on the DMR form as either the measured (quantified) value or as "less than" the detection limit used in the test (e.g. < x.x). Results SHALL NOT be reported as "Not Detectable" or "ND". For computing monthly averages, all "less than" sample results may be counted as zero values. All sample results used in computing monthly average values must be reported on the DMR form in the DMR comment section.

You should also note any other special instructions or definitions contained on the front and back of the DMR as well as in the permit.

Submit the completed forms to: DEP, EPA and the County Health Department as required in the permit. Unless otherwise specified in the permit, the DMR form must be submitted each month. If there is no discharge during the month, the DMR must be submitted with "NO DISCHARGE" written across the front.



## To Calculate Mass of Pollutants For a Sampling Event

Use the sampling event reported concentration and perform the appropriate calculation as follows:

$$\text{_____ concentration } (\mu\text{g/l} \times 0.00834 \times \text{_____ flow (million gallons/day)}) = \text{_____ lb./day}$$

or

$$\text{_____ concentration (mg/l)} \times 8.34 \times \text{_____ flow (million gallons/day)} = \text{_____ lb./day}$$

The value assigned to "flow (million gallons/day)" should be the 24-hour average flow for the outfall on the day the sample was taken. Where an outfall discharges for only part of a day (x hours), the daily mass value should be determined by using the x-hour average flow.

## To Calculate an Arithmetic Average or Mean

Use the following equation:

$$\frac{X_1 + X_2 + X_3 + X_4 + \dots X_N}{n}$$

n = number of results

X = value of each analytical results

For example,

five samples were analyzed, their results were 75, 82, 90, 70, and 85.

$$\frac{75 + 82 + 90 + 70 + 85}{5} = 80.4$$

## To Calculate a Geometric Mean or Geometric Average (For Fecal Coliform Only)

Use the following equation:

$$n\sqrt{X_1 \times X_2 \times X_3 \times X_4 \times \dots X_N}$$

n = number of analysis results

X = value of each analytical result

**Note:** If any value of X is zero, substitute a 1.0 for the calculation.

For example,

five samples were analyzed, their results were 75, 82, 90, 70, and 85.

$$5\sqrt{75 \times 82 \times 90 \times 70 \times 85} = 5\sqrt{3,293,325,000} = 80.1$$