



# Exelon Generation®

Appendix B

NMP2L2671  
April 19, 2018

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

Nine Mile Point Nuclear Station, Unit 2  
Renewed Facility Operating License No. NPF-69  
Docket No. 50-410

Subject: 2017 Annual Environmental Operating Report

In accordance with Appendix B, Environmental Protection Plan, of the Renewed Facility Operating License No. NPF-69 for Nine Mile Point Nuclear Station, Unit 2, attached is the 2017 Annual Environmental Operating Report for the period of January 1, 2017 through December 31, 2017.

This submittal does not contain any new regulatory commitments.

Should you have questions regarding the information in this submittal, please contact Dennis Moore, Site Regulatory Assurance Manager, at (315) 349-5219.

Sincerely,

Peter M. Orphanos  
Site Vice President, Nine Mile Point Nuclear Station  
Exelon Generation Company, LLC

PMO/JTR

Enclosure: Nine Mile Point Nuclear Station, Unit 2  
2017 Annual Environmental Operating Report

cc: NRC Regional Administrator, Region I  
NRC Project Manager  
NRC Resident Inspector

IE25  
NRR

**Enclosure**

**Nine Mile Point Nuclear Station, Unit 2  
2017 Annual Environmental Operating Report**

## ATTACHMENT

### NMPNS UNIT 2 2017 ANNUAL ENVIRONMENTAL OPERATING REPORT

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Subsection 5.4.1 of the Environmental Protection Plan (EPP), as contained in Appendix B of the Renewed Operating License for the Nine Mile Point Nuclear Station Unit 2, requires that an Annual Environmental Operating Report be submitted to the Commission prior to May 1 of each year. The following addresses the requirements found in Subsection 5.4.1 of the EPP for the submittal of the Annual Environmental Operating Report:

1. *Provide summaries and analyses of the results of the environmental protection activities required by Subsection 4.2 (if any) of the EPP for the report period, including a comparison with related preoperational studies, operational controls (as appropriate), and previous non-radiological environmental monitoring reports, and an assessment of the observed impacts of the plant operation on the environment. If harmful effects or evidence of trends towards irreversible damage to the environment are observed, a detailed analysis of the data and a proposed course of mitigating action shall be provided.*

Subsection 4.2 of the EPP denotes three areas of environmental monitoring:

- Subsection 4.2.1 (Aquatic Monitoring) has no specific monitoring requirements although it is noted that the Commission will rely on the decisions made by the State of New York under the authority of the Clean Water Act for any requirements. Aquatic monitoring is specified in the station's State Pollutant Discharge Elimination System Permit (SPDES Permit) which is a site permit applicable to Nine Mile Point Nuclear Station Unit 1 and Unit 2. The SPDES Permit requires a limited Aquatic Monitoring Program (referred to in the permit as Biological Monitoring Requirements) which, at the present time, is only applicable to Unit 1. Unit 2 is in compliance. Therefore, no Aquatic Monitoring Program is presently required for Unit 2.
- Subsection 4.2.2 (Terrestrial Monitoring) does not contain any monitoring requirements.
- Subsection 4.2.3 (Noise Monitoring) does not contain any monitoring requirements.

2. *Provide a list of EPP non-compliances and corrective actions taken to remedy them.*

A review of the EPP requirements and plant records showed that there were no non-compliances with the EPP requirements during 2017.

3. *Provide a list of all changes in station design or operation, tests, and experiments made in accordance with EPP Subsection 3.1 which involved a potentially significant unreviewed environmental question (non-radiological).*

A review of plant records, including environmental evaluations, showed that there were no changes in station design/operation, tests, or experiments during 2017 that could have involved a potentially significant unreviewed environmental question (non-radiological).

4. *List all non-routine reports submitted in accordance with Subsection 5.4.2 of the EPP.*

During 2017, there were no non-routine reports submitted to the Commission in accordance with Subsection 5.4.2 of the EPP.