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NMP2L2579

April 10, 2015

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

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

2014 Annual Environmental Operating Report

In accordance with Appendix B, Environmental Protection Plan, of the Renewed Operating License NPF-69 for Nine Mile Point Nuclear Station Unit 2, enclosed is the Annual Environmental Operating Report for the period of January 1, 2014 through December 31, 2014.

There are no new regulatory commitments in this letter.

If any further information or assistance is needed, contact Shane Howe, Manager Site Chemistry Environmental & Rad Waste, at (315) 349-4264.

Sincerely,

A handwritten signature in black ink that reads "Peter Orphanos". The signature is fluid and cursive, with a long horizontal line extending to the right.

Peter M. Orphanos
Site Vice President

PMO/TAB

Attachment: Nine Mile Point Nuclear Station Unit 2, 2014 Annual Environmental Operating Report

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

JES
NRR

ATTACHMENT

**NINE MILE POINT NUCLEAR STATION UNIT 2
2014 ANNUAL ENVIRONMENTAL OPERATING REPORT**

January 1, 2014 – December 31, 2014
Renewed Facility Operating License NPF-69
Docket No. 50-410

ATTACHMENT

NMPNS UNIT 2 2014 ANNUAL ENVIRONMENTAL OPERATING REPORT

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 2014.

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 2014 that could have involved a potentially significant unreviewed environmental question (non-radiological).

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NMPNS UNIT 2 2014 ANNUAL ENVIRONMENTAL OPERATING REPORT

The station began construction of a new FLEX building in 2014. A detailed environmental review was performed before the construction commenced, and there is no potentially significant unreviewed environmental question (non-radiological) associated with the FLEX Building.

4. *List all nonroutine reports submitted in accordance with Subsection 5.4.2 of the EPP.*

During 2014, there were no nonroutine reports submitted to the Commission in accordance with Subsection 5.4.2 of the EPP.