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**NINE MILE POINT  
NUCLEAR STATION**

August 7, 2012

U. S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**ATTENTION:** Document Control Desk

**SUBJECT:** Nine Mile Point Nuclear Station, LLC  
Unit No. 2; Docket No. 50-410

Supplemental Response to NRC Generic Letter 2008-01, "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems"

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- REFERENCES:**
- (a) NRC Generic Letter 2008-01, dated January 11, 2008, "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems"
  - (b) Letter from T. A. Lynch (NMPNS) to Document Control Desk (NRC) dated December 14, 2009, "Supplemental Response to Generic Letter 2008-01, 'Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems'"
  - (c) Letter from S. Belcher (NMPNS) to Document Control Desk (NRC) dated May 1, 2010, "Response to NRC Generic Letter 2008-01, 'Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems' – Commitment Completion Date Change"
  - (d) Letter from S. Belcher (NMPNS) to Document Control Desk (NRC) dated June 30, 2010, "Supplemental Response to NRC Generic Letter 2008-01, 'Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems'"

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The Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 2008-01 (Reference a) to request that each licensee evaluate the licensing basis, design, testing, and corrective action programs for the Emergency Core Cooling Systems, Residual Heat Removal System, and Containment Spray System, to ensure that gas accumulation is maintained less than the amount that challenges operability of these systems, and that appropriate action is taken when conditions adverse to quality are identified.

In a letter dated December 14, 2009 (Reference b), Nine Mile Point Nuclear Station, LLC (NMPNS) committed to send a supplemental response to the NRC within 60 days following the startup from the Nine Mile Point Unit 2 (NMP2) spring 2010 refueling outage to notify the NRC of the completion of those design changes that were to be installed during the outage. In a letter dated May 1, 2010 (Reference c), NMPNS informed the NRC that the design change to add a vent valve downstream of the Low Pressure Core Spray outside containment isolation valve would not be completed until the NMP2 spring 2012 refueling outage. In a letter dated June 30, 2010 (Reference d), NMPNS submitted a supplemental response notifying the NRC of the design changes installed during the NMP2 Spring 2010 refueling outage.

NMPNS has implemented the design change at NMP2 for venting downstream of the Low Pressure Core Spray outside containment isolation valve. This completes all NMPNS design change commitments in response to Reference (a).

There are no new regulatory commitments identified in this submittal.

Should you have any questions regarding this submittal, please contact John J. Dosa, Director Licensing, at (315) 349-5219.

Very truly yours,

*M. D. [Signature]*  
(for K. Anderson)

STATE OF NEW YORK :  
: TO WIT:  
COUNTY OF OSWEGO :

I, Ken Langdon, being duly sworn, state that I am Vice President-Nine Mile Point, and that I am duly authorized to execute and file this response on behalf of Nine Mile Point Nuclear Station, LLC. To the best of my knowledge and belief, the statements contained in this document are true and correct. To the extent that these statements are not based on my personal knowledge, they are based upon information provided by other Nine Mile Point employees and/or consultants. Such information has been reviewed in accordance with company practice and I believe it to be reliable.

m. [Signature] (for K. Langdon)

Subscribed and sworn before me, a Notary Public in and for the State of New York and County of Oswego, this 7<sup>th</sup> day of August, 2012.

WITNESS my Hand and Notarial Seal:

[Signature]  
Notary Public

My Commission Expires:

11/12/2014  
Date

**TONYA L. JONES**  
Notary Public in the State of New York  
Oswego County Reg. No. 01JO6083354  
My Commission Expires 11/12/2014

KL/KJK

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