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April 15, 2014

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

**ATTENTION:** Document Control Desk

**SUBJECT:** Nine Mile Point Nuclear Station, Unit 1  
Renewed Facility Operating License No. DPR-63  
Docket No. 50-220

License Amendment Request Pursuant to 10 CFR 50.90: Adoption of NFPA 805, Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants (2001 Edition) – Response to NRC Request for Additional Information (TAC No. ME8899)

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- REFERENCES:**
- (a) Letter from K. Langdon (NMPNS) to Document Control Desk (NRC), dated June 11, 2012, License Amendment Request Pursuant to 10 CFR 50.90: Adoption of NFPA 805, Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants (2001 Edition)
  - (b) Letter from B. Vaidya (NRC) to C. Costanzo (NMPNS), dated February 12, 2014 Nine Mile Point Nuclear Station, Unit No. 1 – Third Round of Request for Additional Information Regarding License Amendment Request for Adoption of NFPA 805 (TAC No. ME8899)
  - (c) Letter from C. Costanzo (NMPNS) to Document Control Desk (NRC), dated March 14, 2014, Nine Mile Point Nuclear Station, Unit No. 1 - Response to NRC Request for Additional Information Regarding the Proposed Adoption of NFPA 805 (2001 Edition)

Nine Mile Point Nuclear Station, LLC (NMPNS) hereby transmits supplemental information in response to the Probabilistic Risk Assessment (PRA) request for additional information (RAI) documented in the NRC Staff's letter dated February 12, 2014 (Reference b) and discussions with the NRC Staff on March 31, 2014 and April 1, 2014. Each individual NRC Staff RAI is repeated (in italics), followed by the NMPNS response. The supplemental information is shown with a revision bar in the margin. The information provided in this supplemental response replaces in its entirety the material provided for PRA RAI's 10.02, 20.01, 59.01, and 61 in Reference (c). NMPNS has also included supplemental information in response to PRA RAI-05. This is also provided in Attachment 1 to this transmittal.

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This is being provided in support of a previously submitted request for an amendment to the Nine Mile Point Unit 1 (NMP1) Renewed Operating License DPR-63. The initial request, dated June 11, 2012 (Reference a), proposed the adoption of a new risk-informed performance-based (RI-PB) fire protection licensing basis which complies with the requirements in 10 CFR 50.48(a) and 10 CFR 50.48(c); the guidance in Regulatory Guide (RG) 1.205, "Risk-Informed Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants," Revision 1; and National Fire Protection Association (NFPA) 805, "Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants," 2001 Edition.

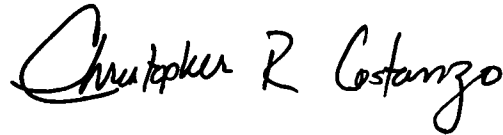
This supplemental information contained in this letter does not affect the No Significant Hazards Consideration Determination analysis provided by NMPNS in Reference (a). Pursuant to 10 CFR 50.91(b)(1), NMPNS has provided a copy of this supplemental information to the appropriate state representative.

There are no regulatory commitments contained in this letter.

Should you have any questions regarding the information in this submittal, please contact Everett (Chip) Perkins, Director-Licensing, at (315) 349-5219.

I declare under penalty of perjury that the foregoing is true and correct. Executed on April 15, 2014.

Sincerely,

Handwritten signature of Christopher R. Costanzo in black ink.

CRC/EPP

Attachment 1      Nine Mile Point Unit 1 - Response to NRC Request for Additional Information  
Regarding the Proposed Adoption of NFPA 805 (2001 Edition)

cc:      Regional Administrator, Region I, NRC  
         Project Manager, NRC  
         Resident Inspector, NRC  
         A. L. Peterson, NYSERDA