

**Constellation Energy**

Nine Mile Point Nuclear Station

P.O. Box 63  
Lycoming, New York 13093

January 7, 2005  
NMP1L 1910

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

**SUBJECT:** Nine Mile Point Units 1 and 2  
Docket Nos. 50-220 and 50-410  
Facility Operating License Nos. DPR-63 and NPF-69

**License Renewal Application – Response to NRC Request for Additional Information Regarding the Nine Mile Point Unit 1 Containment System (TAC Nos. MC3272 and MC3273)**

Gentlemen:

By letter dated May 26, 2004, Nine Mile Point Nuclear Station, LLC (NMPNS) submitted an application to renew the operating licenses for Nine Mile Point Units 1 and 2.

In a letter dated December 8, 2004, the NRC requested additional information regarding the Nine Mile Point Unit 1 Containment System that is described in Sections 2.3.3.A.5 and 3.3.2.A.4 of the License Renewal Application. The NMPNS response to this request for additional information is provided in Attachment 1. This letter contains no new regulatory commitments.

If you have any questions about this submittal, please contact Peter Mazzaferro, NMPNS License Renewal Project Manager, at (315) 349-1019.

Very truly yours,

James A. Spina  
Vice President Nine Mile Point

JAS/DEV/jm

A107

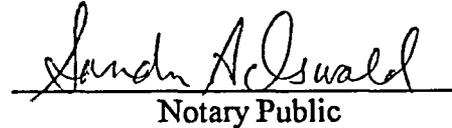
STATE OF NEW YORK :  
 : TO WIT:  
COUNTY OF OSWEGO :

I, James A. Spina, being duly sworn, state that I am Vice President Nine Mile Point, and that I am duly authorized to execute and file this supplemental information on behalf of Nine Mile Point Nuclear Station, LLC. To the best of my knowledge and belief, the statements contained in this submittal 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.



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 January, 2005.

WITNESS my Hand and Notarial Seal:

  
Notary Public

My Commission Expires:

1/7/05  
Date

SANDRA A. OSWALD  
Notary Public, State of New York  
No. 01OS6032276  
Qualified in Oswego County  
Commission Expires 10/25/05

Attachment:

1. Response to NRC Request for Additional Information (RAI) Regarding the Nine Mile Point Unit 1 Containment System Described in Sections 2.3.3.A.5 and 3.3.2.A.4 of the License Renewal Application

- cc: Mr. S. J. Collins, NRC Regional Administrator, Region I  
Mr. G. K. Hunegs, NRC Senior Resident Inspector  
Mr. P. S. Tam, Senior Project Manager, NRR  
Mr. N. B. Le, License Renewal Project Manager, NRR  
Mr. J. P. Spath, NYSERDA

## ATTACHMENT 1

### Nine Mile Point Nuclear Station

#### Response to NRC Request for Additional Information (RAI)

#### Regarding the Nine Mile Point Unit 1 Containment System

#### Described in Sections 2.3.3.A.5 and 3.3.2.A.4 of the License Renewal Application

This attachment provides the Nine Mile Point Nuclear Station, LLC (NMPNS) response to the request for additional information contained in the NRC letter dated December 8, 2004, regarding the Nine Mile Point Unit 1 (NMP1) Containment System. The NRC RAI is repeated, followed by the NMPNS response.

#### RAI 2.3.3.A.5

*LRA Tables 2.3.3.A.5-1 and 3.3.2.A-4, and Section 2.3.3.A.5 for Containment System, do not include piping/fittings and drywell air cooler units for NMP1; however, these items are shown as within the scope of license renewal on LRA drawings and are subject to an aging management review (AMR). Please clarify the discrepancy. If these components are in scope, please provide information on the associated aging management review and programs in the format of LRA Tables 2.3.3.A.5-1 and 3.3.2.A-4. If these components are not in scope, please provide justification for their exclusion.*

#### Response

The piping and fittings and drywell air cooler units in the NMP1 Containment System are component types that are within the scope of license renewal and subject to aging management review (AMR). The piping and fittings component type is included in the System Description portion of LRA Section 2.3.3.A.5 but was inadvertently omitted from Tables 2.3.3.A.5-1 and 3.3.2.A-4. LRA table revisions to incorporate the requested information regarding the intended function, AMR, and aging management programs (AMPs) are provided below.

With respect to the drywell air cooler units, the requested information is included in the current LRA tables. The drywell air cooler units are part of the Primary Containment Area Cooling System that is described in LRA Section 2.3.3.A.5. The system consists of ducting and drywell air coolers. The ducting and drywell air coolers are addressed under the component types "Ducting" and "Heat Exchangers," respectively. The information regarding the intended functions, AMR, and AMPs for these component types is included in the current LRA Tables 2.3.3.A.5-1 and 3.3.2.A-4.

LRA Revisions

LRA Table 2.3.3.A.5-1 (page 2.3-70) is revised to add the “Piping and Fittings” component type, as follows (revisions highlighted by shading):

**Table 2.3.3.A.5-1  
NMP1 Containment Systems**

Component Type	Intended Functions
Piping and Fittings	Pressure Boundary

In LRA Table 3.3.2.A-4, information is added for the “Piping and Fittings” component type, as shown on the following page.

**Table 3.3.2.A-4 Auxiliary Systems  
NMP1 Containment Systems – Summary of Aging Management Evaluation**

Component Type	Intended Function	Material	Environment	Aging Effect Requiring Management	Aging Management Program	NUREG-1801 Volume 2 Item	Table 1 Item	Notes
Piping and Fittings	PB	Carbon or Low Alloy Steel (Yield Strength $\geq$ 100 Ksi)	Air	Loss of Material	10 CFR 50 Appendix J Program	VII.F3.4-a	3.3.1.A-05	C, 10
					Preventive Maintenance Program	VII.F3.4-a	3.3.1.A-05	C, 10
					Systems Walkdown Program	VII.I.1-b	3.3.1.A-05	A, 3
			Air, Moisture or Wetting, temperature $\geq$ 140°F	Loss of Material	Preventive Maintenance Program	VII.F3.4-a	3.3.1.A-05	C, 10
		Dried Air or Gas	None	None			None	
		Demineralized Untreated Water, Low Flow	Loss of Material	Preventive Maintenance Program			U	
		Wrought Austenitic Stainless Steel	Dried Air or Gas	None	None		None	
		Copper Alloys (Zinc $\leq$ 5%)	Dried Air or Gas	None	None		None	