Constellation Energy®
Nine Mile Point Nuclear Station

P.O. Box 63
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June 25, 2009

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

ATTENTION: Document Control Desk

SUBJECT: Nine Mile Point Nuclear Station
Unit No. 1; Docket No. 50-220

Request to Utilize an Alternative to the Requirements of 10 CFR 50.55a(g) for the Repair and Inservice Inspection of Control Rod Drive Stub Tubes for the License Renewal Period of Extended Operation – Response to NRC Request for Additional Information (TAC No. MD9604)

REFERENCES:

(a) Letter from G. J. Laughlin (NMPNS) to Document Control Desk (NRC), dated August 29, 2008, Request to Utilize an Alternative to the Requirements of 10 CFR 50.55a(g) for the Repair and Inservice Inspection of Control Rod Drive Stub Tubes for the License Renewal Period of Extended Operation

(b) Letter from R. V. Guzman (NRC) to K. J. Polson (NMPNS), dated March 17, 2009, Request for Additional Information Regarding Nine Mile Point Nuclear Station, Unit No. 1, Alternative for the Repair and Inservice Inspection of Control Rod Drive Stub Tubes for the License Renewal Period of Extended Operation (TAC No. MD9604)

(c) Letter from P. A. Mazzaferro (NMPNS) to Document Control Desk (NRC), dated May 14, 2009, Request to Utilize an Alternative to the Requirements of 10 CFR 50.55a(g) for the Repair and Inservice Inspection of Control Rod Drive Stub Tubes for the License Renewal Period of Extended Operation - Response to NRC Request for Additional Information (TAC No. MD9604)

Nine Mile Point Nuclear Station, LLC (NMPNS) hereby transmits supplemental information requested by the NRC in support of a previously submitted 10 CFR 50.55a Request (Number 1ISI-02) under the provision of 10 CFR 50.55a(a)(3). The initial request, dated August 29, 2008 (Reference a), would allow the use of American Society of Mechanical Engineers, Boiler and Pressure Vessel Code, Section XI, Code Case N-730, "Roll-Expansion of Class 1 Control Rod Drive [CRD] Bottom Head Penetrations in BWRs," as an alternative permanent repair for CRD housings that may exhibit leakage during the license renewal period of extended operation. NMPNS has previously received and responded to a request for

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additional information (RAI) for this 10 CFR 50.55a request (References b and c). An additional RAI was discussed in a telephone conference call between NRC and NMPNS staff members on June 16, 2009 and provided by email to NMPNS by the NRC on the same date. The RAI and the NMPNS response are provided below.

NRC Request:

As discussed during our June 2nd conference call, please provide a docketed response for the following question:

Under "Compliance with Requirement 5.3" of your May 14, 2009, supplement, you stated that requirement 5.3 of ASME Code Case N-730 is not applicable to NMP1. This Code Case requires an IWB-3600 flaw evaluation, including the crack growth evaluation, for detected cracks in certain locations, e.g., a detected axial crack in the CRD stub tube base metal. Please confirm that all Code Case N-730 requirements will be evaluated.

NMPNS Response:

NMPNS will perform IWB-3600 flaw evaluations, including crack growth evaluations, in the event that cracks are detected in certain locations, e.g., a detected axial crack in the CRD stub tube base metal. NMPNS will comply with all of the Code Case N-730 evaluation requirements.

This letter contains no new regulatory commitments. Should you have any questions regarding the information in this submittal, please contact T. F. Syrell, Licensing Director, at (315) 349-5219.

Very truly yours,

Joseph E. Pacher
Manager Engineering Services

JEP/JJD

cc: S. J. Collins, NRC
R. V. Guzman, NRC
Resident Inspector, NRC