Constellation Energy
Nine Mile Point Nuclear Station

P.O. Box 63
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July 5, 2006

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

ATTENTION: Document Control Desk

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

Post Accident Monitoring Instrumentation Report:
Division 2 of the Containment Monitoring System Inoperable

In accordance with Action B.1 of Nine Mile Point Unit 2 Technical Specification 3.3.3.1, "Post Accident Monitoring (PAM) Instrumentation," Nine Mile Point Nuclear Station, LLC, is submitting the following PAM Instrumentation Report concerning inoperability of Division 2 of the Containment Monitoring System (CMS).

Preplanned Alternate Monitoring Method

Collecting and analyzing grab samples from the drywell in accordance with the applicable surveillance procedure is the preplanned alternate monitoring method at Nine Mile Point Unit 2. However, Division 1 of the CMS was available and placed in a protected state to assure availability of the redundant channel.

Cause of Inoperability

On May 22, 2006, operators identified a failed circuit which supplies heat trace power to the drywell sample line. Due to a procedure deficiency, the component was misidentified in the work management process causing the shift manager to incorrectly determine the operability of Division 2 of the CMS. On June 17, 2006, during a review of routine rounds comments, operators properly identified the failed component, which rendered Division 2 of the CMS inoperable. Division 2 of the CMS was subsequently declared inoperable as of 0700 on May 22, 2006.

Troubleshooting determined that a temperature detector (TD) in the degraded circuit was damaged. The failure of the TD prevented the heating circuit from keeping the drywell supply line warm, which could result in condensate formation in the line and inability to monitor containment atmosphere.

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Actions Taken

TD was replaced, post maintenance testing was performed satisfactorily and Division 2 of the CMS was restored to operable status on June 21, 2006, at 1053 hours. The component misidentification was entered in the corrective action program and the associated procedure deficiency was corrected.

Should you have any questions regarding this submittal, please contact M. H. Miller, Licensing Director, at (315) 349-1510.

Sincerely,

James A. Hutton
Plant General Manager

JAH/RF/sac

cc: S. J. Collins, NRC Regional Administrator, Region I
L. M. Cline, NRC Senior Resident Inspector