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Constellation Energy
Nine Mile Point Nuclear Station

May 01, 2006

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

Radioactive Effluent Release Report, January – December 2005

In accordance with 10 CFR 50.36a and the Nine Mile Point Unit 1 (NMP1) Technical Specifications, enclosed as Enclosure (1) is the Radioactive Effluent Release Report for the period January 1, 2005 through December 31, 2005.

Included in this report is a summary of gaseous and liquid effluents, and solid waste released from the station during the reporting period (Attachments 1-6), a summary of revisions to the Offsite Dose Calculation Manual (ODCM) and the Radwaste Process Control Program during the reporting period (Attachments 7 and 8), and an explanation as to the cause and corrective actions regarding the inoperability of any station liquid and/or gaseous effluent monitoring instrumentation (Attachment 9). Attachments 10 and 11 provide a summary and assessment of radiation doses to members of the public within and outside the site boundary, respectively, from liquid and gaseous effluents as well as direct radiation in accordance with 40 CFR 190. Attachment 12 is a copy of Revision 26 of the ODCM.

The format used for the effluent data is outlined in Appendix B of Regulatory Guide 1.21, Revision 1. Dose assessments were made in accordance with the NMP1 ODCM. During the reporting period from January 1 through December 31, 2005, NMP1 did not exceed any 10 CFR 20, 10 CFR 50, Technical Specification, or ODCM limits for gaseous or liquid effluents.

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

Very truly yours,

M. Schenk

MAS/KES/sac

Enclosure: (1) Radioactive Effluent Release Report, January 1, 2005 – December 31, 2005

cc: S. J. Collins, NRC
T. G. Colburn, NRC
Resident Inspector, NRC