

Constellation Energy

Nine Mile Point Nuclear Station

P.O. Box 63
Lycoming, NY 13093

May 1, 2005
NMPE 1942

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

RE: Nine Mile Point Unit 1
Docket No. 50-220
DPR-63

Subject: January – December 2004 Radioactive Effluent Release Report

Gentlemen:

In conformance with the Nine Mile Point Unit 1 (NMP1) Technical Specifications, enclosed is the Radioactive Effluent Release Report for the reporting period January through December 2004.

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 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.

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 Offsite Dose Calculation Manual. Distribution is in accordance with 10 CFR 50.4(b)(1) and the Technical Specifications.

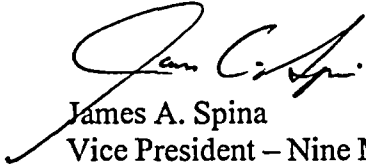
Attachment 12 is a copy of Revision 25 of the Offsite Dose Calculation Manual.

During the reporting period from January through December 2004, NMP1 did not exceed any 10 CFR 20, 10 CFR 50, Technical Specification, or Offsite Dose Calculation Manual limits for gaseous or liquid effluents.

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If you have any questions concerning the attached report, please contact Mr. Anthony Salvagno,
(315) 349-1456, Design Engineering.

Very truly yours,



James A. Spina
Vice President – Nine Mile Point

Attachments:

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 (2 copies)