



Monticello Nuclear Generating Plant
2807 W County Road 75
Monticello, MN 55362

May 15, 2014

L-MT-14-012
10 CFR 50.36a
10 CFR 50, Appendix I

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

Monticello Nuclear Generating Plant
Docket 50-263
Renewed Facility Operating License No. DPR-22

2013 Radioactive Effluent Release Report

Pursuant to 10 CFR 50.36a and 10 CFR 50, Appendix I, Section IV.B.1 and, in accordance with Monticello Nuclear Generating Plant (MNGP) Technical Specification (TS) Section 5.5.1 and 5.6.2, the Northern States Power Company, a Minnesota corporation (NSPM), d/b/a Xcel Energy, is submitting the following enclosures:

- ♦ Radioactive Effluent Release Report for January 1 - December 31, 2013 (Enclosure 1)
- ♦ Off-Site Radiation Dose Assessment for January 1 - December 31, 2013 (Enclosure 2)
- ♦ Offsite Dose Calculation Manual (Enclosure 3)

The dispersion parameters are calculated based on meteorological data from 1976 to 1978. These dispersion parameters are being recalculated using meteorological data from 2006 to 2010. The calculations are not complete at the time of this report. The impact of these new calculations will have little or no impact on the annual dose to the public.

Summary of Commitments

This letter makes no new commitments and no revisions to existing commitments.

Karen D. Fili
Site Vice-President
Monticello Nuclear Generating Plant
Northern States Power Company – Minnesota

Enclosures (3)

cc: Administrator, Region III, USNRC (w/o Enclosure 3)
Project Manager, Monticello, USNRC (w/o Enclosure 3)
Resident Inspector, Monticello, USNRC (w/o Enclosure 3)
Minnesota Department of Commerce (w/o Enclosure 3)

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