



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

January 21, 2013

L-MT-12-114
10 CFR 50.90

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

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

Subject: Monticello Extended Power Uprate (EPU): Supplement for Gap Analysis Updates (TAC MD9990)

- References:
- 1) Letter from T J O'Connor (NSPM), to Document Control Desk (NRC), "License Amendment Request: Extended Power Uprate (TAC MD9990)," L-MT-08-052, dated November 5, 2008. (ADAMS Accession No. ML083230111)
 - 2) Letter from T J O'Connor (NSPM), to Document Control Desk (NRC), "Monticello Extended Power Uprate: Updates to Docketed Information (TAC MD9990)," L-MT-10-072, dated December 21, 2010. (ADAMS Accession No. ML103570026)
 - 3) Letter from M A Schimmel (NSPM) to Document Control Desk (NRC), "Monticello Extended Power Uprate: Supplement to Revise Technical Specification Setpoint for the Automatic Depressurization System Bypass Timer (TAC MD9990)," L-MT-12-091, dated October 30, 2012. (ADAMS Accession No. ML12307A036)

Pursuant to 10 CFR 50.90, the Northern States Power Company, a Minnesota corporation (NSPM), doing business as Xcel Energy, requested in Reference 1 an amendment to the Monticello Nuclear Generating Plant (MNGP) Renewed Operating License (OL) and Technical Specifications (TS) to increase the maximum authorized power level from 1775 megawatts thermal (MWt) to 2004 MWt.

In References 2 and 3, NSPM modified the No Significant Hazards Consideration (NSHC) and updated certain topics associated with the MNGP Extended Power Uprate (EPU) project.

ADD.2
NRR

On November 20, 2012, NSPM presented to the NRC the results of a Gap Analysis performed to verify the adequacy of the EPU documentation. Due to the delay in review of the MNGP EPU License Amendment Request (LAR), the NRC was concerned that various aspects of the NRC review were no longer applicable. Through the Gap Analysis review NSPM demonstrated that a small set of technical issues required revision and some design and licensing bases information had changed, but overall the body of EPU documentation was correct with the exception of the issues identified for correction.

The purpose of this letter is to provide the NRC with revisions to the EPU documentation based on the results of the GAP Analysis.

Enclosure 1 provides responses to 28 items from the Gap Analysis. Enclosure 2 provides marked up pages to portions of the EPU documentation based on the discussion provided in Enclosure 1. Note that two items concerning 10 CFR 50, Appendix R issues from the Gap Analysis were previously provided to the NRC in a letter dated November 30, 2012 (ADAMS Accession No. ML123380435). Other Gap Analysis responses will be provided at a later date. Enclosure 3 provides additional supplemental materials as referenced by Enclosure 1.

The changes made herein do not revise the NSHC provided in Reference 1 as revised by References 2 and 3.

In accordance with 10 CFR 50.91(b), a copy of this application supplement, without enclosures, is being provided to the designated Minnesota Official.

Summary of Commitments

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

I declare under penalty of perjury that the foregoing is true and correct.

Executed on: January 21, 2013

A handwritten signature in black ink that reads "Mark A. Schimmel For MAS". The signature is written in a cursive style and is positioned above a horizontal line.

Mark A. Schimmel
Site Vice-President
Monticello Nuclear Generating Plant
Northern States Power Company-Minnesota

Enclosures (3)

cc: Administrator, Region III, USNRC (w/o enclosures)
Resident Inspector, Monticello Nuclear Generating Plant, USNRC (w/o enclosures)
Project Manager, Monticello Nuclear Generating Plant, USNRC
Minnesota Department of Commerce (w/o enclosures)