

ENCLOSURE 3 CONTAINS PROPRIETARY INFORMATION –
WITHHOLD FROM PUBLIC DISCLOSURE IN ACCORDANCE WITH 10 CFR 2.390



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

February 27, 2013

L-MT-13-020
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): Second 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)
 - 4) Letter from M A Schimmel (NSPM) to Document Control Desk (NRC), "Monticello Extended Power Uprate: Supplement for Gap Analysis Updates (TAC MD9990)," L-MT-12-114, dated January 21, 2013.

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

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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.

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of the MNGP EPU License Amendment Request (LAR), the NRC was concerned that various aspects of the NRC review were no longer applicable.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.

In Reference 4 NSPM provided to the NRC the results of many of the identified gaps and the associated corrections to EPU documentation.

The purpose of this letter is to provide the NRC with the remaining revisions to the EPU documentation based on the results of the GAP Analysis with two exceptions. One remaining item regarding a weld stress error in the steam dryer analysis will be addressed and corrected in response to NRC RAIs associated with the steam dryer analysis. The other remaining item can only be completed after the NRC completes its review of the pressure temperature limits report (PTLR) TS change, which is currently pending.

In this letter, Enclosure 1 provides responses to 5 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. Enclosure 3 provides a General Electric-Hitachi (GEH) proprietary analysis to support the main steam line high flow trip revised TS setpoint described in Enclosure 1, Item 1.

Enclosure 4 provides a non-proprietary copy of the GEH analysis provided in Enclosure 3 along with a NSPM calculation verifying the revised TS setpoint. The non-proprietary copy of the GEH analysis provided in Enclosure 4 is being provided based on the NRC's expectation that the submitter of the proprietary information should provide, if possible, a non-proprietary version of the document with brackets showing where the proprietary information has been deleted.

Enclosure 5 provides an Updated Environmental Assessment (EA) to replace the original EA provided in Reference 1.

Enclosure 6 contains an affidavit executed to support withholding Enclosure 3 from public disclosure. Information in Enclosure 3 contains proprietary information as

defined by 10 CFR 2.390. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the NRC and addresses with specificity the considerations listed in 10 CFR 2.390(b)(4). Accordingly, NSPM respectfully requests that the proprietary information in Enclosure 3 be withheld from public disclosure in accordance with 10 CFR 2.390(a)4, as authorized by 10 CFR 9.17(a)4.

Correspondence with respect to the copyright or proprietary aspects of GEH information or the supporting GEH affidavit in Enclosure 3 should be addressed to Linda C. Dolan, Manager, Regulatory Compliance, GE Hitachi Nuclear Energy, 3901 Castle Hayne Road, Wilmington, NC 28401.

The changes made herein do not revise the NSHC evaluation 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. This letter makes a revision to an existing commitment discussed in NSPM letter L-MT-11-044 (ADAMS Accession No. ML11249A045). The commitment regarding the plant response to feedwater and condensate transients is hereby changed to read as follows:

Prior to EPU implementation NSPM will revise operating procedures for Condensate/Feedwater (CFW) transient events, to take prudent actions to recover CFW flow, and place the reactor in a safe and stable condition.

Details concerning the commitment change are included in Enclosure 1, Item 4 of the letter.

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

Executed on: February 27, 2013



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

Enclosures (6)

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)