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September 11, 2018

L-MT-18-051
10 CFR 50.90

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

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

Supplement to License Amendment Request to Revise Technical Specifications to Adopt TSTF-542, "Reactor Pressure Vessel Water Inventory Control", (EPID: L-2017-LLA-0360)

- References:
- 1) Letter from NSPM to the NRC, "Application to Revise Technical Specifications to Adopt TSTF-542, 'Reactor Pressure Vessel Water Inventory Control'", dated October 20, 2017 (ADAMS Accession Number ML17293A280)
 - 2) Letter from NSPM to the NRC, "Response to Request for Additional Information Regarding Application to Revise Technical Specifications to Adopt TSTF-542, 'Reactor Pressure Vessel Water Inventory Control,' and Supplement (EPID: L-2017-LLA-0360)", dated June 1, 2018 (ADAMS Accession Number ML18157A056)

By letter dated October 20, 2017, (Reference 1), Northern States Power Company, a Minnesota Corporation, doing business as Xcel Energy (hereafter "NSPM"), submitted a license amendment request (LAR) to adopt TSTF-542, "Reactor Pressure Vessel Water Inventory Control", for the Monticello Nuclear Generating Plant (MNGP). By letter dated June 1, 2018, (Reference 2) NSPM submitted both a response to an NRC Request for Additional Information (RAI) and a supplement to the LAR. The supplement portion of Reference 2 addressed minor errors and opportunities for clarification, which had been identified subsequent to the submittal of the LAR.

For Enclosure 2, item 3, of Reference 2, the resolution had been developed by the Boiling Water Reactors Owners Group (BWROG). The BWROG recommended action was for licensees to consider taking a variation from the TSTF to affix footnote (a) to the "Required Channels per Function" column for Functions 1.a and 2.a of the TS "RPV Water Inventory Control Instrumentation" table (MNGP TS Table 3.3.5.3-1 located on TS page 3.3.5.3-3). NSPM had intended to adopt the BWROG variation and provided a marked-up TS page 3.3.5.3-3 containing a modified TS Table 3.3.5.3-1. However, contrary to the BWROG

variation, NSPM erroneously affixed footnote (a) to Functions 1.a and 2.a in the "Applicable Modes or Other Specified Conditions" column. Therefore, this supplement corrects the error and aligns the MNGP TS Table 3.3.5.3-1 with the BWROG recommended action by affixing footnote (a) correctly to the "Required Channels per Function" column, as was originally intended.

The NSPM has reviewed the No Significant Hazards Consideration determination provided in the LAR (Reference 1) and determined that it is unaffected and still applicable with the inclusion of the change. The Enclosure to this letter provides the re-typed TS page 3.3.5.3-3.

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 September 11, 2018.



Martin C. Murphy
Director, Nuclear Licensing and Regulatory Services
Northern States Power Company – Minnesota

Enclosure

cc: Administrator, Region III, USNRC
Project Manager, Monticello, USNRC
Resident Inspector, Monticello, USNRC
State of Minnesota

ENCLOSURE

MONTICELLO NUCLEAR GENERATING PLANT

Supplement to License Amendment Request to Adopt TSTF-542,
"Reactor Pressure Vessel Water Inventory Control"

TECHNICAL SPECIFICATION PAGE (Re-typed)

(1 Page Follows)

Table 3.3.5.3-1 (page 1 of 1)
RPV Water Inventory Control Instrumentation

FUNCTION	APPLICABLE MODES OR OTHER SPECIFIED CONDITIONS	REQUIRED CHANNELS PER FUNCTION	CONDITIONS REFERENCED FROM REQUIRED ACTION A.1	SURVEILLANCE REQUIREMENTS	ALLOWABLE VALUE
1. Core Spray System					
a. Reactor Steam Dome Pressure - Low (Injection Permissive)	4, 5	2 ^(a)	C	SR 3.3.5.3.2	≥ 397 psig and ≤ 440psig
2. Low Pressure Coolant Injection (LPCI) System					
a. Reactor Steam Dome Pressure - Low (Injection Permissive)	4, 5	2 ^(a)	C	SR 3.3.5.3.2	≥ 397 psig and ≤ 440 psig
b. Low Pressure Coolant Injection Pump Discharge Flow - Low (Bypass)	4, 5	1 per pump ^(a)	D	SR 3.3.5.3.2	≥ 360 gpm and ≤ 745 gpm
3. Shutdown Cooling System Isolation					
a. Reactor Vessel Water Level - Low	(b)	2 in one trip system	B	SR 3.3.5.3.1 SR 3.3.5.3.2	≥ 7 inches
4. Reactor Water Cleanup (RWCU) System Isolation					
a. Reactor Vessel Water Level - Low	(b)	2 in one trip system	B	SR 3.3.5.3.1 SR 3.3.5.3.2	≥ -48 inches

(a) Associated with an ECCS subsystem required to be OPERABLE by LCO 3.5.2, "Reactor Pressure Vessel (RPV) Water Inventory Control."

(b) When automatic isolation of the associated penetration flow path(s) is credited in calculating DRAIN TIME.