

ENCLOSURE 1 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

July 18, 2013

L-MT-13-074  
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

Monticello Extended Power Uprate: Replacement Steam Dryer – Responses to Requests for Additional Information (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: Replacement Steam Dryer Supplement (TAC MD9990)," L-MT-10-046, dated June 30, 2010. (ADAMS Accession No. ML102010462)
  - 3) 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)
  - 4) Letter from M A Schimmel (NSPM) to Document Control Desk (NRC), "Monticello Extended Power Uprate: Replacement Steam Dryer – Responses to Requests for Additional Information and Analysis Documentation (TAC MD9990)," L-MT-13-029, dated March 29, 2013. (ADAMS Accession No. ML13092A348)
  - 5) Email from T Beltz (NRC) to J Fields (NSPM), "Monticello Nuclear Generating Plant - Draft Requests for Additional Information (MNGP EPU-EMCB-RSD-RAI-85 through 93) for the EPU Steam Dryer Review (TAC MD9990)," dated April 25, 2013.

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- 6) Email from T Beltz (NRC) to J Fields (NSPM), "Monticello Nuclear Generating Plant - Draft Requests for Additional Information (EPU-EMCB-RSD-RAI-94 - 119) re: Extended Power Uprate Steam Dryer Review (TAC No. MD9990)," dated May 19, 2013.
- 7) 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 Reference 2, NSPM provided a supplement to Reference 1 to provide detailed design and analysis results for a replacement steam dryer (RSD) for MNGP. Reference 3 was provided to correct reactor internal pressure differential information provided in Reference 2. Reference 4 provided a revised set of analyses for the steam dryer based on a new analysis methodology called ACE 2.0.

In References 5 and 6 the NRC provided NSPM draft requests for additional information (RAIs) related to the MNGP RSD.

The purpose of this letter is to provide the NRC with responses to steam dryer related RAIs. This is the first in a series of letters that will provide responses to all the NRC RAIs included in References 5 and 6.

Enclosure 1 contains Westinghouse Electric Company, LLC (WEC) letter LTR-A&SA-13-14, P-Attachment, Revision 0, "Responses to the U.S. NRC Request for Additional Information Relative to the Monticello Replacement Steam Dryer Acoustic/Structural Analyses Set #5," dated July 12, 2013. Enclosure 1 provides responses to the 22 RAIs identified on the Enclosure 1 cover page. Enclosure 1 contains proprietary information.

Enclosure 2 contains WEC letter LTR-A&SA-13-14, NP-Attachment, Revision 0, "Responses to the U.S. NRC Request for Additional Information Relative to the Monticello Replacement Steam Dryer Acoustic/Structural Analyses Set #5," dated July 12, 2013. This is a non-proprietary version of the responses provided in Enclosure 1.

Enclosure 3 contains a WEC affidavit executed to support withholding Enclosure 1 from public disclosure. 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). NSPM requests that the proprietary

information in Enclosure 1 be withheld from public disclosure in accordance with 10 CFR 2.390(a)4, as authorized by 10 CFR 9.17(a)4. Accordingly, it is respectfully requested that the information which is proprietary to WEC be withheld from public disclosure in accordance with 10 CFR 2.390.

Correspondence with respect to the copyright or proprietary aspects of WEC information or the supporting WEC affidavit in Enclosure 3 should be addressed to J. A. Gresham, Manager, Regulatory Compliance, Westinghouse Electric Company LLC, Suite 428, 1000 Westinghouse Drive, Cranberry Township, Pennsylvania 16066.

The RAI responses provided herein do not change the conclusions of the No Significant Hazards Consideration and the Environmental Consideration evaluations provided in Reference 1 as revised by References 3 and 7.

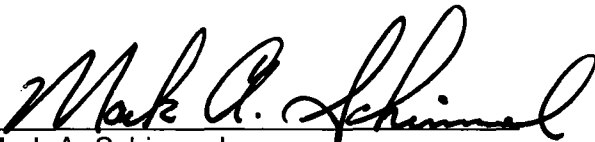
In accordance with 10 CFR 50.91(b), a copy of this application supplement, without enclosures is being provided to the designated Minnesota Official.

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: July 18, 2013



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