

October 16, 2009

Mr. Mark A. Schimmel  
Site Vice President  
Northern States Power Company, Minnesota  
1717 Wakonade Drive East  
Welch, MN 55089

SUBJECT: FINAL SAFETY EVALUATION REPORT RELATED TO THE LICENSE  
RENEWAL OF PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1  
AND 2

Dear Mr. Schimmel:

By letter dated April 11, 2008, Nuclear Management Company, LLC (NMC), (now known as Northern States Power Company, Minnesota (NSPM)), submitted, for the U.S. Nuclear Regulatory Commission's (NRC or staff) review, an application to renew the Prairie Island Nuclear Generating Plant (PINGP), Units 1 and 2, operating licenses for up to an additional 20 years. The license renewal application (LRA) was submitted pursuant to Title 10 of the *Code of Federal Regulations* Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." The staff determined that the LRA was complete and acceptable for docketing on June 17, 2008.

Since that time, the staff has reviewed the PINGP LRA, issued requests for additional information (RAIs), reviewed the applicant's responses to the staff's RAIs, developed a safety evaluation report (SER) with open items, and reviewed the applicant's comments on the SER with open items. The SER with open items was discussed at an Advisory Committee on Reactor Safeguards (ACRS) subcommittee meeting on July 7, 2009. On the basis of this review, the staff has developed the enclosed SER to document its findings associated with the safety review of the LRA and supporting documentation for PINGP.

This SER is scheduled to be discussed at the December, 2009, ACRS full committee meeting.

M. Schimmel

- 2 -

If you have any questions regarding this matter, please contact the license renewal project manager, Rick Plasse, at 301-415-1427 or by e-mail at [Richard.Plasse@nrc.gov](mailto:Richard.Plasse@nrc.gov).

Sincerely,

***/RA/ (SLe for)***

Brian E. Holian, Director  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Dockets No. 50-282 and 50-306

Enclosure:  
As stated

cc w/encl: See next page

M. Schimmel

- 2 -

If you have any questions regarding this matter, please contact the license renewal project manager, Rick Plasse, at 301-415-1427 or by e-mail at [Richard.Plasse@nrc.gov](mailto:Richard.Plasse@nrc.gov).

Sincerely,

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Brian E. Holian, Director  
Division of License Renewal  
Office of Nuclear Reactor Regulation

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DATE	09/30/09	09/30/09	10/02/09	09/30/09	10/16/09

\*via e-mail

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Letter to M. Schimmel from B. Holian, dated October 16, 2009

**DISTRIBUTION:**

SUBJECT: FINAL SAFETY EVALUATION REPORT RELATED TO THE LICENSE  
RENEWAL OF PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1  
AND 2

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Prairie Island Nuclear Generating Plant,  
Units 1 and 2

cc:

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