



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

May 9, 2013

Mr. James E. Lynch  
Site Vice President  
Prairie Island Nuclear Generating Plant  
Northern States Power Company - Minnesota  
1717 Wakonade Drive East  
Welch, MN 55089-9642

**SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2 -  
REQUEST FOR ADDITIONAL INFORMATION RELATED TO LICENSE  
AMENDMENT REQUEST TO REVISE EMERGENCY PLAN EMERGENCY  
ACTION LEVELS RA1.2 AND FUEL CLAD BARRIER LOSS CRITERIA  
(TAC NOS. MF0379 AND MF0380)**

Dear Mr. Lynch:

By letter dated December 13, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12349A362), Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy, submitted a license amendment request (LAR) for the Prairie Island Nuclear Generating Plant (PINGP), Units 1 and 2. The LAR requests changes to the PINGP Emergency Plan to revise emergency action level (EAL) RA1.2 and a Fuel Clad Barrier Loss criterion.

The Nuclear Regulatory Commission (NRC) staff has determined that additional information is required to complete the review. The specific information requested is addressed in the enclosure to this letter. Mr. Dale Vincent of your staff agreed that you would provide a response to this request within 30 days of the date of this letter.

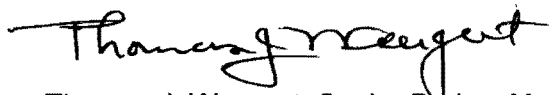
The NRC staff considers that timely responses to requests for additional information help ensure that sufficient time is available for staff review and contribute toward the NRC's goal of efficient and effective use of staff resources.

J. Lynch

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If circumstances result in the need to revise the requested response date, please contact me at (301) 415-4037.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas J. Wengert". The signature is fluid and cursive, with the first name "Thomas" and last name "Wengert" clearly distinguishable.

Thomas J. Wengert, Senior Project Manager  
Plant Licensing Branch III-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-282 and 50-306

Enclosure:  
Request for Additional Information

cc w/encl: Distribution via ListServ

REQUEST FOR ADDITIONAL INFORMATION

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2

DOCKET NOS. 50-282 AND 50-306

By letter dated December 13, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12349A362), Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy, submitted a license amendment request (LAR) for the Prairie Island Nuclear Generating Plant, Units 1 and 2. The LAR requests to revise emergency action level (EAL) RA1.2 to a value that is within the indicating range of radiation monitor R-18 and to remove an EAL for Fuel Clad Barrier Loss based on a Reactor Coolant System letdown line radiation monitor. To complete its review, the U.S. Nuclear Regulatory Commission (NRC) staff requests the following additional information.

1. A change bar exists to the right of the row for 1(2) R-50 High Range Stack Gas Monitor on Table R-1. Is it intended that the NRC review and approve this entry? It is not described in the license amendment request.
2. Explain the purpose of the OR statement in RA1.1 and why it is needed when Table R-1 includes R-18 with a value of 900,000 counts per minute.
3. Explain the difference between RA1.1 and RA1.2. Are there monitors addressed in RA1.1 that do not appear in table R-1.2? Is it possible to meet only one of these EALs without meeting the other?
4. Please add clarification to the basis document for the 900,000 setpoint for the R-18 radiation monitor inconsistency from the Initiating Condition language (60 times vs. 200 times the Offsite Dose Calculation Manual specification).
5. Note 1 on Table R-1 was added in June 2008 with no explanation in the Technical Bases. Explain how this note will not cause excessive delay in EAL classification if the setpoints on Table R-1 are exceeded, or remove this note.
6. Explain how Note 2 on Table R-1 applies to the gaseous monitors, or remove the asterisks.

Enclosure

J. Lynch

- 2 -

If circumstances result in the need to revise the requested response date, please contact me at (301) 415-4037.

Sincerely,

**/RA/**

Thomas J. Wengert, Senior Project Manager  
Plant Licensing Branch III-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-282 and 50-306

Enclosure:  
Request for Additional Information

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**DISTRIBUTION:**

PUBLIC	LPL3-1 R/F	RidsNrrDorlLpl3-1 Resource
RidsNrrPMPrairieIsland Resource		RidsNrrLASRohrer Resource
RidsAcraAcnw_MailCTR Resource		RidsNsirDprDdep Resource
RidsRgn3MailCenter Resource		MWasem, NSIR
RidsNrrDorlDpr Resource		DJohnson, NSIR

**ADAMS Accession Number: ML13119A155**

OFFICE	NRR/LPL3-1/PM	NRR/LPL3-1/LA	NSIR/DPR/DDEP/BC	NRR/DORL/LPL3-1/BC	NRR/LPL3-1/PM
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DATE	05/01/13	05/01/13	05/02/13	05/09/13	05/09/13

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