

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



Prairie Island Nuclear Generating Plant  
1717 Wakonade Drive East  
Welch, MN 55089

May 23, 2016

L-PI-16-040  
10 CFR 50.90

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

Prairie Island Nuclear Generating Plant, Units 1 and 2  
Dockets 50-282 and 50-306  
Renewed License Nos. DPR-42 and DPR-60

Supplement to License Amendment Request for Spent Fuel Pool Criticality Technical Specification Changes (CAC Nos. MF7121 and MF7122)

- References:
- 1) Letter from Kevin Davison (NSPM) to NRC (Document Control Desk), "License Amendment Request for Spent Fuel Pool Criticality Technical Specification Changes," dated November 17, 2015 (ADAMS Accession No. ML15327A244)
  - 2) Email from Robert Kuntz (NRC) to Glenn Adams (NSPM), "Proprietary Information enclosed - Prairie Island SFP Criticality LAR DRAFT Request for Additional Information," dated April 12, 2016

In a letter to the U.S. Nuclear Regulatory Commission (NRC) dated November 17, 2015 (Reference 1), the Northern States Power Company, a Minnesota corporation doing business as Xcel Energy (hereafter "NSPM"), requested an amendment to the Technical Specifications (TS) for Prairie Island Nuclear Generating Plant (PINGP). Specifically, NSPM proposed to revise Technical Specification (TS) 3.7.16, "Spent Fuel Storage Pool Boron Concentration," and TS 4.3.1, "Fuel Storage Criticality," to allow spent fuel pool (SFP) storage of nuclear fuel containing a boron-based neutron absorber in the form of zirconium diboride ( $ZrB_2$ ) Integral Fuel Burnable Absorber (IFBA).

To complete their review, the NRC staff provided a request for additional information (RAI) by electronic mail (Reference 2).

Enclosure 1 to this letter provides the reply to RAI-2, and Enclosure 2 provides the corresponding TS markup to support the reply to RAI-2.

Enclosure 3 contains the proprietary version of the Westinghouse-prepared replies to the remainder of the RAIs. Enclosure 4 provides the non-proprietary version of the

Westinghouse-prepared replies. Enclosure 5 provides the Westinghouse Application for Withholding Proprietary Information from Public Disclosure CAW-16-4420, accompanying Affidavit, Proprietary Information Notice, and copyright notice.

As Enclosure 3 contains information proprietary to Westinghouse Electric Company LLC, it is supported by the enclosed affidavit (Enclosure 5) signed by Westinghouse, the owner of the information. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b)(4) of Section 2.390 of the Commission's regulations. Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR 2.390 of the Commission's regulations.

Correspondence with respect to the copyright or proprietary aspects of the items provided in Enclosure 3 of this letter or the supporting Westinghouse affidavit should reference the respective Westinghouse letter number CAW-16-4420 and should be addressed to J. A. Gresham, Manager, Regulatory Compliance, Westinghouse Electric Company LLC, 1000 Westinghouse Drive, Building 3 Suite 310, Cranberry Township, Pennsylvania 16066.

NSPM submits this supplement in accordance with the provisions of 10 CFR 50.90.

The supplemental information provided in this letter does not impact the conclusions of the Determination of No Significant Hazards Consideration and Environmental Assessment presented in the November 17, 2015 submittal.

In accordance with 10 CFR 50.91, NSPM is notifying the State of Minnesota of this License Amendment Request supplement by transmitting a copy of this letter to the designated State Official.

If there are any questions or if additional information is needed, please contact Glenn Adams at 612-330-6777.

#### Summary of Commitments

This letter makes no new commitments and no revisions to existing commitments.

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

Executed on May 23, 2016

A handwritten signature in black ink, appearing to read "Scott Northard". The signature is written in a cursive style with a large initial "S".

Scott Northard  
Acting Site Vice President – Prairie Island Nuclear Generating Plant  
Northern States Power Company – Minnesota

Enclosures (5)

cc: Regional Administrator, Region III, USNRC  
Project Manager, Prairie Island Nuclear Generating Plant, USNRC  
Resident Inspector, Prairie Island Nuclear Generating Plant, USNRC  
State of Minnesota (without enclosures 3, 4, and 5)