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March 3, 2023

L-PI-23-005  
10 CFR 50.55a(g)(4)(iv)

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

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

10 CFR 50.55a Requests Nos. 1-RR-5-15 and 2-RR-5-15, Proposed Use of Subsequent ASME Code Edition and Addenda in Accordance with 10 CFR 50.55a(g)(4)(iv)

- Reference:
- 1) NRC Regulatory Issue Summary, "NRC Regulatory Issue Summary 2004-12, Clarification on Use of Later Editions and Addenda to the ASME OM Code and Section XI," dated July 28, 2004
  - 2) NRC Regulatory Issue Summary 2004-16, "Use of Later Editions and Addenda to ASME Code Section XI for Repair/Replacement Activities," dated October 19, 2004.

In accordance with 10 CFR 50.55a, "Codes and Standards," paragraph (g)(4)(iv), and the guidance provided in Reference 1, Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy (hereafter "NSPM"), requests NRC approval to use a later edition of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (BPV) Code, Section XI, for the units identified above. Specifically, NSPM requests approval to use the 2019 Edition of the ASME BPV Code for performance of Repair/Replacement activities.

NSPM requests approval of this request by June 1, 2023. This date supports scheduled implementation of NSPM fleet guidance on ASME BPV Code for performance of Repair/Replacement activities.

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If there are any questions or if additional information is required, please contact Mr. Jeff Kivi at (612) 330-5788 or Jeffrey.L.Kivi@xcelenergy.com.

Summary of Commitments

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



Timothy Borgen  
Plant Manager, Prairie Island Nuclear Generating Plant  
Northern States Power Company – Minnesota

Enclosure

cc: Administrator, Region III, USNRC  
Project Manager, Prairie Island, USNRC  
Resident Inspector, Prairie Island, USNRC

**10 CFR 50.55a Request 1-RR-5-15, Revision 0 (PINGP Unit 1)**  
**10 CFR 50.55a Request 2-RR-5-15, Revision 0 (PINGP Unit 2)**  
**Proposed Use of Subsequent ASME Code Edition and Addenda**  
**In Accordance with 10 CFR 50.55a(g)(4)(iv)**

In accordance with 10 CFR 50.55a, "Codes and Standards," paragraph (g)(4)(iv), and the guidance provided in Reference 1, Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy (hereafter "NSPM"), requests NRC approval to use a later edition of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (BPV) Code, Section XI, for the units identified above. Specifically, NSPM requests approval to use the 2019 Edition of the ASME BPV Code for performance of Repair/Replacement activities.

**1. ASME Code Component(s) Affected:**

All Class 1, 2, 3, and MC items located in the ASME Section XI Boundaries.

**2. Requested Date for Approval:**

Approval requested by May 18, 2023.

**3. Applicable Code Edition and Addenda:**

<u>PLANT</u>	<u>ISI INTERVAL</u>	<u>EDITION</u>	<u>INTERVAL START</u>	<u>INTERVAL SCHEDULED END</u>
PINGP Units 1 and 2	5	2007 Edition, through 2008 Addenda	12/21/2014	12/20/2024

**4. Proposed Subsequent Code Edition and Addenda (or Portion):**

PINGP performs Repair/Replacement activity in accordance with a NSPM fleet program based on an Edition of ASME Section XI which, at present, is 2007 the Edition through the 2008 Addenda.

Pursuant to 10 CFR 50.55a(g)(4)(iv) and following the guidance of NRC Regulatory Issue Summary (RIS) 2004-12 and RIS 2004-16 (References 1 and 2), NSPM requests permission to utilize the 2019 Edition of ASME Section XI for the PINGP Unit 1 and Unit 2 5<sup>th</sup> Interval ISI Program for performance of Repair/Replacement activities.

## **5. Related Requirements:**

10 CFR 50.55a(g)(4)(iv) states:

“Inservice examination of components and system pressure tests may meet the requirements set forth in subsequent editions and addenda that are incorporated by reference in paragraph (a) of this section, subject to the conditions listed in paragraph (b) of this section, and subject to Commission approval. Portions of editions or addenda may be used, provided that all related requirements of the respective editions or addenda are met.”

10 CFR 50.55a(a)(1)(ii)(C) incorporates by reference Section XI, Division 1, of the ASME BPV Code 2019 Edition as approved in Reference 3. NSPM is requesting to use the 2019 Edition of ASME Section XI for the remainder of the PINGP 5<sup>th</sup> interval ISI Program for the performance of Repair/Replacement activities. NSPM will comply with all related requirements in ASME Section XI Article IWA-4000 including all referenced paragraphs within.

## **6. Duration of Proposed Request:**

The duration of this request will be from approval by the NRC until the end of the 5<sup>th</sup> ISI interval for PINGP, which is currently scheduled to end on or about December 20, 2024.

## **7. References:**

1. NRC Regulatory Issue Summary 2004-12, “Clarification on Use of Later Editions and Addenda to the ASME OM Code and Section XI,” dated July 28, 2004.
2. NRC Regulatory Issue Summary 2004-16, “Use of Later Editions and Addenda to ASME Code Section XI for Repair/Replacement Activities,” dated October 19, 2004.
3. Federal Register, 87 FR 65148, dated October 27, 2022.