

From: Kuntz, Robert
Sent: Wednesday, June 15, 2022 2:11 PM
To: Kivi, Jeffrey L.
Cc: Scott, Sara
Subject: Request for Additional Information RE: Prairie Island Nuclear Generating Plant, Unit 2, Alternative RR-08, PIV Leakage

Mr. Kivi,

By request dated February 8, 2022 (Agencywide Documents Access and Management System Accession Nos. ML22039A340, and ML22039A341), Northern States Power Company (NSPM), a Minnesota corporation doing business as Xcel Energy (Xcel), submitted alternative request RR-08 for evaluation and monitoring plan for leakage past a pressure isolation valve (PIV) in lieu of American Society of Mechanical Engineers (ASME) Operation and Maintenance of Nuclear Power Plants (OM Code), Requirement ISTC-3630(f) for Prairie Island Nuclear Generating Plant, Unit 2.

The following requests for additional information (RAI) is needed for the Nuclear Regulatory Commission (NRC) staff to complete its review. During a clarification discussion held on June 15, 2022 a 30 day response was agreed upon. Therefore, the NRC staff anticipates a response to this RAI by July 15, 2022.

Robert Kuntz
Senior Project Manager
NRC/NRR/DORL/LPL3

REQUEST FOR ADDITIONAL INFORMATION

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT 2

ALTERNATIVE RR-08 RELATED TO PRESSURE ISOLATION VALVE MONITORING AND TESTING

EMIB-RAI-1

Requirement:

ASME OM ISTC-3630(e) requires that leakage rate measurements shall be compared with the permissible leakage rates.

Issue:

Prairie Island Nuclear Generating Plant, Unit 2 Alternative Request RR-08, Section "Reason for Request states that 2SI-6-4 failed the IST leakage rate testing performed with a leakage rate approximated to be 5.9 gallons per minute which is in excess of the 5 gallons per minute permissible leakage rate. Alternative RR-08 section "Full Description of Proposed Alternative"

requests that in lieu of repair and replacement of 2SI-6-4 for the period of relief, a monitoring plan with the ability to evaluate increased accumulator leakage will be performed.

Request:

Alternative Request RR-08 only provides the leakage information of valve 2SI-6-4 for October 24, 2021. For the NRC staff to evaluate the proposal to implement a monitoring plan in lieu of repair/replacement of the valve, provide the remaining historical leakage data for the valve 2SI-6-4.

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Created By: Robert.Kuntz@nrc.gov

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Tracking Status: None
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