



1717 Wakonade Drive
Welch, MN 55089

January 24, 2025

L-PI-25-005
10 CFR 21.21(a)(2)

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

Prairie Island Nuclear Generating Plant, Unit 1
Docket No. 50-282
Renewed Facility Operating License No. DPR-42

Interim Report of a Potential Deviation of 2 inch Globe Valve

Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy (hereafter "NSPM"), hereby submits this interim report for Prairie Island Nuclear Generating Plant in accordance with the requirements of 10 CFR 21.21(a)(2).

On November 1, 2024, while replacing the 12 Steam Generator Blowdown Isolation Valve, a linear indication on the body of the replacement valve was identified during Liquid Penetrant Non-Destructive Examination of a nearby weld. The replacement valve was an Edward Model 15004T5 2-inch Globe Valve. Installation was not completed with this replacement valve and this replacement valve was never placed in service.

On November 26, 2024, it was determined that this is a potential deviation, as defined in 10 CFR 21.3, due to the potential impact of the pressure boundary function of the valve. On December 4, 2024, the valve's third-party dedicating entity, Sigma Inc, was contacted to perform 10 CFR 21 Evaluation. The valve was received by Sigma on December 11, 2024 and evaluation is ongoing, however it will not be completed within 60 days of November 26, 2024. The evaluation is expected to be completed by February 28, 2025.

If you have any questions, please contact Carrie Seipp, Senior Regulatory Engineer, at 612-330-5576.

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Summary of Commitments

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



fol Thomas A. Conboy
Site Vice President, Prairie Island Nuclear Generating Plant
Northern States Power Company – Minnesota

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