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May 30, 2018

L-PI-18-034  
10 CFR 21.21(a)(2)

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-001

Prairie Island Nuclear Generating Plant Unit 2  
Docket 50-306  
Renewed License No. DPR-60

Interim Report of a Deviation or Failure to Comply

Pursuant to 10 CFR 21.21(a)(2) Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy (hereafter "NSPM"), submits this interim report.

On April 1, 2018, during the monthly surveillance testing of the Unit 2 diesel generator D5, a leak was identified on a lube oil pressure switch that provides an alarm only function. The failure of this pressure switch did not prevent the diesel from performing its safety function. However, there are several additional switches of the same or similar model installed on the Unit 2 diesels which, if failed in aggregate, could potentially impact the performance of the safety function.

The pressure switch that failed, manufactured by AMOT part number 4140CR1E32AA0, was purchased from Paragon (formerly ATC) under their 10 CFR Appendix B program. The part was sent out for failure analysis and the station is working with the vendor to complete the necessary evaluation. It is anticipated that this evaluation will be completed by the end of July 2018.

If there are any questions or if any additional information is needed, please contact Jeff Kivi, Site Regulatory Affairs Manager, at 651-267-7309.

Summary of Commitments

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

A handwritten signature in black ink that reads 'Scott Sharp'.

Scott Sharp  
Site Vice President, Prairie Island Nuclear Generating Plant  
Northern States Power Company - Minnesota

Attachment

cc: Regional Administrator, Region III, USNRC  
Project Manager, Prairie Island Nuclear Generating Plant, USNRC  
Resident Inspector, Prairie Island Nuclear Generating Plant, USNRC