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L-PI-18-009
10 CFR 72.44(d)(3)
ISFSI Tech Spec 5.3

FEB 19 2018

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Director, Division of Spent Fuel Management
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001

Prairie Island Independent Spent Fuel Storage Installation
Docket 72-10
Renewed License No. SNM-2506

Independent Spent Fuel Storage Installation (ISFSI) Annual Effluent Report, January through December 2017

Pursuant to the requirements of 10 CFR 72.44(d)(3) and the Prairie Island Nuclear Generating Plant ISFSI Technical Specifications, Section 5.3, Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy (hereafter "NSPM"), submits the enclosed ISFSI Annual Effluent Report for the period of January 2017 through December 2017.

Summary of Commitments

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

A handwritten signature in black ink, appearing to read 'Scott Sharp', written in a cursive style.

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

Enclosure

cc: Regional Administrator, Region III, USNRC
Project Manager, Prairie Island, USNRC
Resident Inspector, Prairie Island, USNRC
State of Minnesota, Department of Commerce

ENCLOSURE

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
ANNUAL ISFSI EFFLUENT REPORT

January 2017 through December 2017

Independent Spent Fuel Storage Installation

40 Total Casks

During the 2017 calendar year, there were zero (0) additional casks loaded and placed in the Prairie Island ISFSI. At the end of the 2017 calendar year, there were a total of forty (40) casks loaded in the Prairie Island ISFSI.

Airborne Effluent Releases from the ISFSI

0.00E+00 Ci

There was no airborne effluent release from the Prairie Island ISFSI during the calendar year 2017.

Liquid Effluent Releases from the ISFSI

0.00E+00 Ci

There was no liquid effluent release from the Prairie Island ISFSI during the calendar year 2017.

Dose to Individuals Due to ISFSI Effluent Releases

0.00E+00 mrem