



1717 Wakonade Drive
Welch, MN 55089

February 8, 2021

L-PI-21-003
10 CFR 72.44(d)(3)
ISFSI Tech Spec 5.3

ATTN: Document Control Desk
Director, Division of Spent Fuel Management
Office of Nuclear Material Safety and Safeguards
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

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

Independent Spent Fuel Storage Installation (ISFSI) Annual Effluent Report, January through December 2020

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 through December 2020.

Summary of Commitments

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

A handwritten signature in blue ink, appearing to read 'Chris Domingos', with a large, stylized loop at the end.

Christopher P. Domingos
Site Vice President, 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
State of Minnesota, Department of Commerce

ENCLOSURE

PRAIRIE ISLAND NUCLEAR GENERATING PLANT ANNUAL ISFSI EFFLUENT REPORT

January 2020 through December 2020

Independent Spent Fuel Storage Installation

47 Total Casks

During the 2020 calendar year, there were three (3) additional casks loaded and placed in the Prairie Island ISFSI. At the end of the 2020 calendar year, there was a total of forty-seven (47) 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 2020.

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 2020.

Dose to Individuals Due to ISFSI Effluent Releases

0.00E+00 mrem