Xcel Energy®

26 February 2016

L-PI-16-014
10 CFR 72.44(d)(3)

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 No. 72-10
License No. SNM-2506

Independent Spent Fuel Storage Installation (ISFSI) Annual Effluent Report, January through December 2015

Pursuant to the requirements of 10 CFR 72.44(d)(3) and the Prairie Island Nuclear Generating Plant Technical Specifications, Section 5.3, Northern States Power Company, a Minnesota corporation, during business as Xcel Energy (hereafter "NSPM"), submits the enclosed ISFSI Annual Effluent Report for the period of January 2015 through December 2015.

Summary of Commitments

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

Kevin Davison
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

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ENCLOSURE

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
ANNUAL ISFSI EFFLUENT REPORT

January 2015 through December 2015

Independent Spent Fuel Storage Installation — 40 Total Casks

During the 2015 calendar year, there were two (2) additional casks loaded and placed in the Prairie Island ISFSI. At the end of the 2015 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 2015.

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 2015.

Dose to Individuals Due to ISFSI Effluent Releases — 0.00E+00 mrem