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10 CFR 72.44(d)(3)

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


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

Prairie Island Independent Spent Fuel Storage Installation (Prairie Island ISFSI) Annual Effluent Report, January through December 2007

Attached is the Annual Effluent Report for the Prairie Island ISFSI for the period of January 2007 through December 2007. This report is submitted pursuant to the requirements of 10CFR Part 72, Section 72.44(d)(3) and Section 6.3 of the Prairie Island ISFSI Technical Specifications.

Summary of Commitments

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



Michael D. Wadley
Site Vice President, Prairie Island Nuclear Generating Plant
Nuclear Management Company, LLC

Enclosure

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

IE17
NM5001

ENCLOSURE 1

NUCLEAR MANAGEMENT COMPANY

PRAIRIE ISLAND INDEPENDENT SPENT FUEL STORAGE INSTALLATION

ANNUAL ISFSI EFFLUENT REPORT

January through December 2007

Independent Spent Fuel Storage Installation

24 Total Casks

During the 2007 calendar year, there were two (2) additional casks loaded and placed in the ISFSI. At the end of the 2007 calendar year, there were a total of twenty-four (24) casks loaded in the ISFSI.

Airborne Effluent Releases from the ISFSI

0.00E+00 Curies

There were no airborne effluent releases from the Prairie Island ISFSI during the calendar year 2007.

Liquid Effluent Releases from the ISFSI

0.00E+00 Curies

There were no liquid effluent releases from the Prairie Island ISFSI during the calendar year 2007.

**Dose to Individuals Due to ISFSI
Effluent Releases**

0.00E+00 mrem