



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

April 21, 2021

Mr. Christopher P. Domingos
Site Vice President
Prairie Island Nuclear Generating Plant
Northern States Power Company, Minnesota
1717 Wakonade Drive East
Welch, MN 55089-9642

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT – SECURITY BASELINE
INSPECTION REPORT 05000282/2021401 AND 05000306/2021401;
INDEPENDENT SPENT FUEL STORAGE SECURITY INSPECTION REPORT
07200010/2021401

Dear Mr. Domingos:

On March 22, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Prairie Island Nuclear Generating Plant and discussed the results of this inspection with you and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

/RA/

Steven K. Orth, Chief
Plant Support Branch
Division of Reactor Safety

Docket Nos. 05000282; 05000306; 07200010
License Nos. DPR-42 and DPR-60

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to Christopher P. Domingos from Steven K. Orth dated April 21, 2021.

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT – SECURITY BASELINE
INSPECTION REPORT 05000282/2021401 AND 05000306/2021401;
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U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Numbers: 05000282; 05000306; 07200010

License Numbers: DPR-42; DPR-60; SNM-2506

Report Numbers: 05000282/2021401; 05000306/2021401; 07200010/2021401

Enterprise Identifier: I-2021-401-0132; I-2021-401-0137

Licensee: Northern States Power Company, Minnesota

Facility: Prairie Island Nuclear Generating Plant

Location: Welch, MN

Inspection Dates: March 16, 2021 to March 22, 2021

Inspector: J. Kutlesa, Physical Security Inspector

Approved By: Steven K. Orth, Chief
Plant Support Branch
Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at Prairie Island Nuclear Generating Plant, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

The NRC also conducted an independent spent fuel storage installation security inspection, in accordance with the Spent Fuel Storage Oversight Process. The Spent Fuel Storage Oversight Process is the NRC's program for overseeing the safe storage of spent nuclear fuel. Refer to <https://www.nrc.gov/waste/spent-fuel-storage/oversight.html> for more information.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

INSPECTION SCOPES

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2201, "Security Inspection Program for Commercial Nuclear Power Reactors" and IMC 2690, "Inspection Program for Dry Storage of Spent Reactor Fuel at Independent Spent Fuel Storage Installations and for Title 10 of the *Code of Federal Regulations*, Part 71 Transportation Packaging." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), regional inspectors were directed to begin telework. The inspection documented below was determined that the objectives and requirements stated in the IP could, in part, be performed remotely.

SAFEGUARDS

71130.09 - Security Plan Changes

The inspector evaluated the security plan changes through completion of the following procedure elements:

Review Security Plan Changes (IP Section 02.01) (1 Partial)

The inspector evaluated the security plan changes through partial completion of the following procedure elements:

(1) (Partial)

The inspector conducted on-site review of licensee activities that support the implementation of the recent plan change (Security Plan Revision 12 to 13). This review evaluates the potential for decrease in safeguards effectiveness and does not constitute formal NRC approval of the changes. Therefore, these changes remain subject to future NRC inspection in their entirety.

OTHER ACTIVITIES – TEMPORARY INSTRUCTIONS, INFREQUENT AND ABNORMAL

81311 - Physical Security Requirements for Independent Spent Fuel Storage Installations

The inspector evaluated the Physical Protection Program for the Independent Spent Fuel Storage Installation. The following elements were evaluated:

Physical Security Requirements for Independent Spent Fuel Storage Installations (1 Sample)

(1) 02.02 (a-y)

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

The inspector verified no proprietary information was retained or documented in this report.

- On March 22, 2021, the inspector presented the security baseline inspection results to Christopher P. Domingos and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.09	Corrective Action Documents	602000011898	Apparent Cause Evaluation: Players Did Not Respond as Expected - LSD	03/03/2021
	Corrective Action Documents Resulting from Inspection	501000049694	NRC Observation	03/18/2021
		501000049695	NRC Observation Table Top Drills	03/18/2021
	Miscellaneous		Prairie Island 2021 Proficiency Action Plan	Undated
			Proficiency Training Schedule	Undated
			PINGP Security Plan	Revision 12
			PINGP Security Plan	Revision 13
81311	Calculations	EA-02-104	I-2006 ISFSI Evaluation	Undated
		PINGP Site Barrier and Blast Analysis		Revision 0
	Corrective Action Documents	501000042373	NOS Finding	07/16/2020
	Miscellaneous		PINGP ISFSI Safeguards Contingency Plan	Revision 5
			LLEA Agreement with Red Wing, MN Police Department	08/14/2020
			PINGP ISFSI Exemption Letter from NRC	04/23/2015
			PINGP ISFSI Training and Qualification Plan	Revision 8
			PINGP ISFSI Security Plan	Revision 8
	Procedures	FP-S-FSIP-08	Contingency Plan Implementing Procedures	Revision 16
		FP-S-FSIP-13	Information Control Program	Revision 15
	Work Orders	700050839	SP-1655: Annual Perifield, Microwave and CCTV Tamper Alarm Test	12/06/2019
		700063265	SP-1604: Annual PA/ISFSI Barrier Inspection	05/11/2020