



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

July 28, 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 05000282/2021402 AND 05000306/2021402

Dear Mr. Domingos:

On July 15, 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,

A handwritten signature in black ink, appearing to read "S. Orth".

Signed by Orth, Steven
on 07/28/21

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

Docket Nos. 05000282 and 05000306
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 July 28, 2021.

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT – SECURITY BASELINE
INSPECTION REPORT 05000282/2021402 AND 05000306/2021402

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Numbers: 05000282 and 05000306

License Numbers: DPR-42 and DPR-60

Report Numbers: 05000282/2021402 and 05000306/2021402

Enterprise Identifier: I-2021-402-0057

Licensee: Northern States Power Company, Minnesota

Facility: Prairie Island Nuclear Generating Plant

Location: Welch, MN

Inspection Dates: May 13, 2021 to July 15, 2021

Inspectors: J. Kutlesa, Physical Security Inspector
P. Negrete, Security Specialist

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.

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." 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>.

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. 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), inspectors were directed to begin telework. In addition, regional baseline inspections were evaluated to determine if all or a portion of the objectives and requirements stated in the IP could be performed remotely. If the inspections could be performed remotely, they were conducted per the applicable IP. In some cases, portions of an IP were completed remotely and on site. The inspections documented below met the objectives and requirements for completion of the IP.

SAFEGUARDS

71130.02 - Access Control

The inspectors evaluated the access control program through completion of the following inspection elements:

Access Control (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: 02.06 (b, c); 02.08 (a, b, d, e, f, g)
 - Tier III: 02.09

71130.05 - Protective Strategy Evaluation

The inspectors evaluated the licensee's protective strategy through completion of the following procedure elements:

Protective Strategy Evaluation (2 Samples)

- (1)
 - Tier I: All Requirements
 - Tier II: 02.05; 02.06 (a - e, g - n); 02.07
 - Tier III: 02.09; 02.10; 02.11
- (2) Observed annual Force-on-Force conducted on June 28, 2021 and July 02, 2021.

71130.07 - Security Training

The inspectors evaluated the security training program through completion of the following procedure elements:

Security Training (1 Partial)

- (1) (Partial)
 - Tier I: 02.04
 - Tier II: N/A
 - Tier III: N/A

71130.09 - Security Plan Changes

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

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

- (1) (Partial)

The inspectors evaluated aspects of the licensee's protective strategy change documented under Security Plan Revision 12 to 13 through the observation of security training activities and limited scope/annual drills and exercises to ensure that these changes did not decrease the safeguards effectiveness of the plan.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

- (1) Unit 1 (02/2020 through 04/2021)
Unit 2 (02/2020 through 04/2021)

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On July 15, 2021, the inspectors 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
71130.02	Corrective Action Documents Resulting from Inspection	501000052516	NRC Observation 2021 Access Control	05/25/2021
		501000052526	NRC Observation 2021 Access Control	05/25/2021
		501000052552	NRC Observation 2021 Access Control	05/25/2021
	Miscellaneous		PINGP Security Plan, Training and Qualification Plan, Safeguards Contingency Plan	13
		A-SEC-FLT-2020-1	2020 Nuclear Oversight Audit of Fleet Security and Cyber Security	07/31/2020
	Procedures	FP-S-FSIP-06	Searches	18-A
		FP-S-FSIP-13	Information Control Program	15
		QF 1763 (FP-S-FSIP-02)	Security Post Instruction	5
		QF 1775 (FP-S-FSIP-02)	Definitions	17
	Work Orders	700088568	Replace Door 39 Maglok	04/05/2021
71130.05	Calculations	CAL 95127-C-001	Burns McDonnell Site Barrier Blast Analysis	1
		CAL 95127-C-001	Blast Analysis	1A
			PINGP Security Timelines: Timeline Assessment & Basis 2018, 2019 & 2020 Annual FoF Drill Binders	06/22/2020 N/A
	Miscellaneous		MOU Between PINGP and Red Wing, MN Police Department	08/14/2020
		CD 11.6	Safety/Security Interface	6
		FP-S-FSIP-01	Security Compensatory Measures	17
		FP-S-FSIP-08	Contingency Plan Implementing Procedures	16-A
	Procedures	FP-S-FSIP-08	Contingency Plan Implementing Procedures	16
	71130.07	Procedures	FL-BSE-025-005	Tactical Qualification Course of Fire
71130.09	Engineering Changes	601000002958	Protective Netting 715' Drop Area	04/15/2021
	Miscellaneous	N/A	Proficiency Training Schedule	Undated
71151	Miscellaneous	N/A	Performance Indicator Data	02/2020 through 04/2021