



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 1, 2023

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 05000282/2023420 AND 05000306/2023420

Dear Christopher P. Domingos:

On May 4, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Prairie Island Nuclear Generating Plant and discussed the results of this inspection with Timothy Borgen, Plant Manager 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 that reads "Jeff K. Clark".

Signed by Clark, Jefferson
on 06/01/23

Jefferson K. Clark, Chief
Security Performance Evaluation Branch
Division of Security Operations
Office of Nuclear Security and Incident Response

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

Enclosure:
As stated

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT – SECURITY BASELINE INSPECTION REPORT 05000282/2023420 AND 05000306/2023420

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DOCUMENT NAME: Prairie Island Nuclear Generating Plant – Security Baseline Inspection Report

ADAMS ACCESSION NUMBER: ML23151A209

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OFFICE	NSIR/DSO/SPEB	RIII	NSIR/DSO/SPEB	NSIR/DSO/SPEB	
NAME	P. Coughlin	N. Egan	J. Berry	J. Clark	
DATE	05/31/2023	05/31/2023	05/31/2023	06/01/2023	

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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: 05000282/2023420 and 05000306/2023420

Enterprise Identifier: I-2023-420-0016

Licensee: Northern States Power Company - Minnesota

Facility: Prairie Island Nuclear Generating Plant

Location: Welch, Minnesota

Inspection Dates: April 10, 2023 to May 04, 2023

Inspectors: J. Berry, Team Leader, NSIR
P. Coughlin, Senior Physical Security Inspector, NSIR
N. Egan, Senior Physical Security Inspector, RIII
A. Woyansky, Physical Security Inspector, NSIR

Approved By: Jefferson K. Clark, Chief
Security Performance Evaluation Branch
Division of Security Operations
Office of Nuclear Security and Incident Response

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

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 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.

SAFEGUARDS

71130.03 - Contingency Response - Force-On-Force Testing

Contingency Response - Force-On-Force Testing (1 Sample)

- (1) NRC inspectors completed the Contingency Response – Force-on-Force (FOF) Testing inspection procedure by evaluating the licensee's performance in implementing the physical protection program to detect, assess, interdict, and neutralize threats up to, and including, the design basis threat of radiological sabotage. Two NRC-evaluated FOF exercises were conducted for the evaluation.

REPORT ATTACHMENTS

Supplemental Information for the report is considered Safeguards Information and is located separately within the NRC's Safeguards Information Local Area Network and Electronic Safe database (SLES), under NS125961.

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On May 4, 2023, the inspectors presented the security baseline inspection results to Timothy Borgen, Plant Manager and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.03	Corrective Action Documents Resulting from Inspection	501000072455	Security Duck and Cover not Followed	
		501000072480	Drill Player Neutralized	
		501000073089	Broken PIDS wires	
		501000073108	FOF Program Update	
		501000073119	Evaluate Thermal Optics for FOF	
		501000073139	NRC Observations	
		501000073151	Evaluate Delay Barrier Enhancement	
		501000073162	Minor Violation Site Specific Analysis	
	Engineering Evaluations	Calc. 95127-C-001	Blast Analysis of Defensive Fighting Positions and Qualification of Natural Terrain as a Vehicle Barrier System	Rev 12
		EC 21130	Underground Pathways Evaluation	11/17/2012
		TSA	Target Set Assessment	Rev 2
	Procedures		Prairie Island Nuclear Generating Plant Security Plan, Training and Qualification Plan, Safeguards Contingency Plan	Rev 13, 09/15/2020
			Prairie Island Nuclear Generating Plant Independent Spent Fuel Storage Installation Safeguards Contingency Plan	Rev 6, 08/05/2022
			Prairie Island Nuclear Generating Plant Independent Spent Fuel Storage Installation Security Plan	Rev 9, 08/05/2022
			2023 Prairie Island Nuclear Generating Plant Protective Strategy Brief	Rev 0
		FL-BSE-400-005L	MILES Operation	Rev 6
		FL-BSE-600-001L	Contingency Response	Rev 7
		FL-BSE-600-002F	Drill Controller	Rev 10
		FP-S-FSIP-04	Equipment Inventory, Maintenance, Testing and Calibration	Rev 30
		FP-S-FSIP-08	Contingency Plan Implementing Procedures	Rev 8
		FP-S-FSIP-14	Security Drill and Exercise Program	Rev 14
		SE-0021	Use of Force	Rev 12
		SE-0025	Conduct of Security Operations	Rev 24
SF-1379	Perimeter Intrusion Detection System Performance Test	Rev 14		
SP-1651	Weekly Perimeter Intrusion Detection System Operability Test	Rev 49		