



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

December 12, 2018

Mr. Scott Sharp
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, UNITS 1 AND 2
NRC SECURITY BASELINE INSPECTION REPORT 05000282/2018412;
05000306/2018412

Dear Mr. Sharp:

On November 20, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Prairie Island Nuclear Generating Plant, Units 1 and 2, and an NRC inspector discussed the results of this inspection with Mr. Robert White and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspectors did not identify any finding or violation of more-than-minor significance.

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* (CFR), Part 2.390, "Public Inspections, Exemptions, Requests for Withholding."

If you choose to provide a response that contains Security-Related Information, please mark your entire response "Security-Related Information—Withhold from public disclosure under 10 CFR 2.390" in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). The NRC is waiving the affidavit requirements for your response in accordance with 10 CFR 2.390(b)(1)(ii).

S. Sharp

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Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

/RA/

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

Docket Nos. 50-282; 50-306
License Nos. DPR-42; DPR-60

Enclosure:
IR 05000282/2018412; 05000306/2018412

cc: Distribution via LISTSERV®

Letter to Scott Sharp from Steven K. Orth dated December 12, 2018.

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U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket Nos: 50-282; 50-306
License Nos: DPR-42; DPR-60

Report No: 05000282/2018412; 05000306/2018412

Enterprise Identifier: I-2018-412-0013

Licensee: North States Power Company, Minnesota

Facility: Prairie Island Nuclear Generating Plant, Units 1 and 2

Location: Welch, MN

Inspection Dates: November 12, 2018, through November 20, 2018

Inspector: K. Anderson, Physical Security Inspector
G. Bonano, Physical Security Inspector
K. Pusateri, Resident Inspector

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

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring licensee performance at the Prairie Island Nuclear Generating Plant by conducting the baseline security inspections described in this report 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 were identified.

Additional Tracking Items

None

INSPECTION SCOPE

Inspections were conducted using the appropriate portions of the inspection procedures in effect at the beginning of the inspection unless otherwise noted. Samples were declared complete when the inspection procedures requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2515, "Light-Water Reactor Inspection Program - Operations Phase." 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

71130.01—Access Authorization (1 Sample)

The inspectors evaluated the Access Authorization Program. The following elements were evaluated:

- Tier I: All requirements
- Tier II: 7 requirements (02.05 a, c, 02.06 a, 02.07 b, 02.08 a, c)
- Tier III: 4 requirements (02.09, 02.10 a-c)

71130.04—Equipment Performance, Testing and Maintenance (1 Sample)

The inspectors evaluated the Security Equipment Performance, Testing and Maintenance Program. The following elements were evaluated:

- Tier I: All requirements
- Tier II: 5 requirements (02.09 a, 02.11 b, d, e, 02.13)
- Tier III: 4 requirements (02.14, 02.15 a-c)

71130.05—Protective Strategy Evaluation and Performance Evaluation Program (1 Sample)

The inspectors evaluated the Protective Strategy Evaluation and Performance Evaluation Program. The following elements were evaluated:

- Tier I: 6 requirements (02.02 f, 02.03, 02.04 a-c, e)
- Tier II: 5 requirements (02.07 a-e)
- Tier III: 1 requirements (02.08)

INSPECTION RESULTS

No findings or violations were identified.

EXIT MEETINGS AND DEBRIEFS

The inspectors confirmed that proprietary information was controlled to protect from public disclosure. No proprietary information was documented in this inspection report.

- On November 20, 2018, an inspector presented the baseline security inspection results to Mr. Robert White and other members of the licensee's staff.

DOCUMENTS REVIEWED

71130.01—Access Authorization

- FP-S-AA-01; Access Authorization Program; Revision 30
- FP-S-AA-03; Personnel Access Data System; Revision 5
- LMS and Nantel BOP and PAT Training Materials
- XCEL Energy Background Vendor (IRSI, PIC and CD) Contract Specification
- The Stress Center NEI Audit 18-053 and Stress Center XCEL Energy Contract Specifications
- XCEL Energy MRO Contract Specifications
- 30 Access Authorization Personnel Files and Personal History Questionnaires
- NEI 03-05; Access Authorization; Revision 10
- PINGP 1792; Prairie Island Nuclear Generating Plant Termination Checklist; Revision 3

71130.04—Equipment Performance, Testing and Maintenance

- FP-S-FSIP-04; Equipment Inventory Maintenance, Testing and Calibration; Revision 19
- FP-S-FSIP-06; Searches; Revision 14
- FP-S-FSIP-07; Access Control; Revision 13
- FP-S-FSIP-11; Security Logs and Records; Revision 7
- FP-S-FSIP-12; Security Systems Description and Standards; Revision 4
- FP-S-FSIP-13; Information Control Program; Revision 13
- FP-S-FSIP-17; Security Program Administration; Revision 5
- PINGP 1734; Monthly Security Supervisor Checklist; Revision 9
- QF 1734; Weapons and Ammo Disposition Log; Revision 3
- QF 1733; Weapons Record Log; Revision 7
- LM 0616; Qualification Lookup, FL-BSE-AR15/M4/AR10 Armorer
- SP 1651; Perimeter Intrusion Detection Test; Revision 43
- SP 1650; Access Control System Functional Test; Revision 37
- SP 1620; Weekly Metal Detector Test; Revision 15
- SP 1648; Quarterly Vehicle Barrier System Inspection Procedure; Revision 16
- SP 1187; Weekly Battery Inspection; Revision 35
- SP 2661; 6 Month/Monthly Guardhouse Emergency Diesel Generator Operation; Revision 28
- TP 1814; Security UPS Battery Inspection; Revision 13
- PM 3800-3; Security Lighting System Annual Inspection; Revision 12
- 2018 Nuclear Oversight PINGP Security Audit: A-Sec-PINGP-2018-1; 08/22/2018

71130.05—Protective Strategy Evaluation and Performance Evaluation Program

- FP-S-FSIP-02; Security Organization and Post Responsibilities; Revision 16
- FP-S-FSIP-03; Incident Investigation and Reporting; Revision 11
- FP-S-FSIP-10; Security Response to Emergency Events; Revision 11
- FP-S-FSIP-14; Security Drill and Exercise Program; Revision 10
- FP-S-FSIP-15; Development and Maintenance of Critical Target Sets; Revision 8
- FP-S-FSIP-16; Security Training; Revision 13

Corrective Action Program Documents

- 501000020027; Observation of SP 1650