



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

August 6, 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 – INTEGRATED
INSPECTION REPORT 05000282/2021002 AND 05000306/2021002

Dear Mr. Domingos:

On June 30, 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 "Hironori Peterson".

Signed by Peterson, Hironori
on 08/06/21

Hironori Peterson
Branch 3
Division of Reactor Projects

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

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to Christopher Domingos from Hironori Peterson dated August 6, 2021.

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT – INTEGRATED INSPECTION REPORT 05000282/2021002 AND 05000306/2021002

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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: 05000282/2021002 and 05000306/2021002

Enterprise Identifier: I-2021-002-0100

Licensee: Northern States Power

Facility: Prairie Island Nuclear Generating Plant

Location: Welch, Minnesota

Inspection Dates: April 01, 2021 to June 30, 2021

Inspectors: S. Bell, Health Physicist
M. Garza, Emergency Preparedness Inspector
I. Hafeez, Reactor Inspector
K. Pusateri, Resident Inspector
J. Robbins, Operations Engineer
D. Tesar, Senior Resident Inspector
C. Zoia, Senior Operations Engineer

Approved By: Hironori Peterson, Chief
Branch 3
Division of Reactor Projects

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting an integrated 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.

PLANT STATUS

Units 1 and 2 operated at or near full power for the entirety of the inspection period, with the exception of brief power reductions to perform surveillance testing or flexible power operations.

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) 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.

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 Disease 2019 (COVID-19), resident inspectors were directed to begin telework and to remotely access licensee information using available technology. During this time, the resident inspectors performed periodic site visits each week; conducted plant status activities as described in IMC 2515, Appendix D, "Plant Status"; observed risk-significant activities; and completed on-site portions of IPs. In addition, resident and regional baseline inspections were evaluated to determine if all or portions 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.

REACTOR SAFETY

71111.01 - Adverse Weather Protection

Seasonal Extreme Weather Sample (IP Section 03.01) (1 Sample)

- (1) SP 1039 The inspectors evaluated readiness for seasonal extreme weather conditions prior to the onset of high winds/tornadoes for the following systems:
Tornado Missile Walkdown on 05/12/2021

Impending Severe Weather Sample (IP Section 03.02) (1 Sample)

- (1) The inspectors evaluated the adequacy of the overall preparations to protect risk-significant systems from impending severe weather with extreme heat forecast, with chillers out of service on 06/03/2021.

71111.04 - Equipment Alignment

Partial Walkdown Sample (IP Section 03.01) (4 Samples)

The inspectors evaluated system configurations during partial walkdowns of the following systems/trains:

- (1) D5/D6 Station Blackout Diesel (SBO) Generator Walkdown on 04/26/2021
- (2) D1/D2 Emergency Diesel Generator Walkdown on 04/22/2021
- (3) CST to Auxiliary Feed Water Walkdowns on 05/12/2021
- (4) 11/22 Auxiliary Feed Water Walkdown during 12 AFW work window on 05/25/2021

71111.05 - Fire Protection

Fire Area Walkdown and Inspection Sample (IP Section 03.01) (5 Samples)

The inspectors evaluated the implementation of the fire protection program by conducting a walkdown and performing a review to verify program compliance, equipment functionality, material condition, and operational readiness of the following fire areas:

- (1) Fire Zone 75 Fire Areas 41 and 41A on 04/13/2021
- (2) Fire Zone 74 Fire Area 41B on 04/13/2021
- (3) Fire Zone 11 Fire Area 20 and 81 Bus 15 and 16 Switchgear Rooms on 04/20/2021
- (4) Fire Zone 12 Fire Area 18 Relay and Cable Spreading Room on 04/20/2021
- (5) Fire Zone 2 Fire Area 31 Auxiliary Feed Water Pump Room B Train on 05/20/2021

71111.06 - Flood Protection Measures

Inspection Activities - Internal Flooding (IP Section 03.01) (1 Sample)

The inspectors evaluated internal flooding mitigation protections in the:

- (1) Turbine Building flood area Auxiliary Feed Water Pump Room on 05/20/2021

71111.11A - Licensed Operator Requalification Program and Licensed Operator Performance

Requalification Examination Results (IP Section 03.03) (1 Sample)

- (1) The inspectors reviewed and evaluated the licensed operator examination failure rates for the requalification annual operating exam administered on June 14, 2021. All results were acceptable.

71111.11B - Licensed Operator Requalification Program and Licensed Operator Performance

Licensed Operator Requalification Program (IP Section 03.04) (1 Sample)

- (1) Biennial Requalification Written Examinations

The inspectors evaluated the quality of the licensed operator biennial requalification written examination administered on May 10, 2021.

Annual Requalification Operating Tests

The inspectors evaluated the adequacy of the facility licensee's annual requalification operating test.

Administration of an Annual Requalification Operating Test

The inspectors evaluated the effectiveness of the facility licensee in administering requalification operating tests required by 10 CFR 55.59(a)(2) and that the facility licensee is effectively evaluating their licensed operators for mastery of training objectives.

Requalification Examination Security

The inspectors evaluated the ability of the facility licensee to safeguard examination material, such that the examination is not compromised.

Remedial Training and Re-examinations

The inspectors evaluated the effectiveness of remedial training conducted by the licensee, and reviewed the adequacy of re-examinations for licensed operators who did not pass a required requalification examination.

Operator License Conditions

The inspectors evaluated the licensee's program for ensuring that licensed operators meet the conditions of their licenses.

Control Room Simulator

The inspectors evaluated the adequacy of the facility licensee's control room simulator in modeling the actual plant, and for meeting the requirements contained in 10 CFR 55.46.

Problem Identification and Resolution

The inspectors evaluated the licensee's ability to identify and resolve problems associated with licensed operator performance.

No findings or violations were identified

71111.11Q - Licensed Operator Requalification Program and Licensed Operator Performance

Licensed Operator Performance in the Actual Plant/Main Control Room (IP Section 03.01) (2 Samples)

- (1) The inspectors observed and evaluated licensed operator performance in the Control Room during FLEX power ops on 06/21/2021
- (2) The inspectors observed and evaluated Control Room during 21 residual heat removal run on 05/13/2021

Licensed Operator Requalification Training/Examinations (IP Section 03.02) (1 Sample)

- (1) The inspectors observed and evaluated simulator scenario during pilot week on 06/14/2021

71111.12 - Maintenance Effectiveness

Maintenance Effectiveness (IP Section 03.01) (2 Samples)

The inspectors evaluated the effectiveness of maintenance to ensure the following structures, systems, and components (SSCs) remain capable of performing their intended function:

- (1) D6 Emergency Diesel Generator - With MSPI (QIM 501000049987) on 04/20/2021
- (2) 22CC Heat exchanger temperature control valve failed to control temperature (QIM 39650) on 04/23/2021

71111.13 - Maintenance Risk Assessments and Emergent Work Control

Risk Assessment and Management Sample (IP Section 03.01) (6 Samples)

The inspectors evaluated the accuracy and completeness of risk assessments for the following planned and emergent work activities to ensure configuration changes and appropriate work controls were addressed:

- (1) 122 instrument air compressor unavailability on 04/13/2021
- (2) T-3 certification meeting and operations focus item review on 04/15/2021
- (3) 122 diesel driven fire pump failure to start using 'B' battery bank (AR 501000050937 and 501000051005) on 05/03/2021
- (4) 22 charging pump failed post-maintenance testing risk assessment on 05/19/2021
- (5) Part 21 for safety related motor control center buckets (AR 501000051541) on 05/05/2021
- (6) Risk walkdown of ZX and CL systems during orange grid on 06/10/2021

71111.15 - Operability Determinations and Functionality Assessments

Operability Determination or Functionality Assessment (IP Section 03.01) (6 Samples)

The inspectors evaluated the licensee's justifications and actions associated with the following operability determinations and functionality assessments:

- (1) D6 diesel failure to reach rated speed/voltage (AR 501000049987) on 04/15/2021
- (2) Trend in 1N42 upper excore Quadrant Power Tilt Ratio (QPTR) (AR 501000049687) on 04/26/2021
- (3) 122 battery room refrigeration cooling unit (AR 501000052128) on 05/18/2021
- (4) 11/21 containment/auxiliary building chiller failures on 05/19/2021
- (5) 121 Fuel Oil Storage Tank (FOST) diesel transfer pump failed to start on 06/08/2021
- (6) Residual heat removal sump pump operability (Part 21 issue) on 06/09/2021

71111.18 - Plant Modifications

Temporary Modifications and/or Permanent Modifications (IP Section 03.01 and/or 03.02) (2 Partials)

The inspectors evaluated the following temporary or permanent modifications:

- (1) (Partial)
Fuel oil supply line for 23 D5 fuel oil storage tank (EC 601000001947) on 05/17/2021
- (2) (Partial)
2 - 500 Ton chiller Temporary Modification on 06/22/2021

71111.19 - Post-Maintenance Testing

Post-Maintenance Test Sample (IP Section 03.01) (6 Samples)

The inspectors evaluated the following post-maintenance test activities to verify system operability and functionality:

- (1) D5 emergency diesel generator motor damper MD-32422 (WO 700088385) on 04/08/2021
- (2) SV-39403/39409 post-maintenance testing on 04/22/2021
- (3) 11 CL strainer post-maintenance testing (WO 700075963) on 04/29/2021
- (4) CV-31999 limit switch replacement (WO 700047608) on 06/02/2021
- (5) Troubleshoot and repair 22 change pump on 06/03/2021
- (6) SP 1101 12 Motor Driven Auxiliary Feedwater Pump quarterly flow test on 06/03/2021

71111.22 - Surveillance Testing

The inspectors evaluated the following surveillance tests:

Surveillance Tests (other) (IP Section 03.01) (5 Samples)

- (1) SP 1093 D1 Diesel Generator Slow Start on 04/05/2021
- (2) 11 Residual Heat Removal Testing TS 3.5.2.A on 05/06/2021
- (3) SP 1307 D2 Diesel Generator 6-month Fast Start on 04/27/2021
- (4) 11 SI Testing TS 3T.5.2.A on 05/06/2021
- (5) 21 CC Comprehensive Test on 05/10/2021

Inservice Testing (IP Section 03.01) (2 Samples)

- (1) SP 1102 11 Turbine Driven Auxiliary Feedwater Pump Quarterly Surveillance on 04/15/2021
- (2) SP 1130A Containment Vacuum Breaker Test 3.6.8.A on 05/05/2021

71114.02 - Alert and Notification System Testing

Inspection Review (IP Section 02.01-02.04) (1 Sample)

- (1) The inspectors evaluated the following maintenance and testing of the alert and notification system:
 - 2019 Annual ANS Review Report
 - 2020 Annual ANS Review Report

71114.03 - Emergency Response Organization Staffing and Augmentation System

Inspection Review (IP Section 02.01-02.02) (1 Sample)

- (1) The inspectors evaluated the readiness of the Emergency Preparedness Organization.

71114.05 - Maintenance of Emergency Preparedness

Inspection Review (IP Section 02.01 - 02.11) (1 Sample)

- (1) The inspectors evaluated the maintenance of the emergency preparedness program.

71114.06 - Drill Evaluation

Drill/Training Evolution Observation (IP Section 03.02) (2 Samples)

The inspectors evaluated:

- (1) Emergency Preparedness Drill / Training Evolution on 06/08/2021
- (2) Emergency Preparedness Exercise on 06/15/2021

RADIATION SAFETY

71124.05 - Radiation Monitoring Instrumentation

Calibration and Testing Program (IP Section 03.02) (10 Samples)

The inspectors evaluated the calibration and testing of the following radiation detection instruments:

- (1) Mirion Fastscan Whole Body Counter
- (2) JL Shepherd Model 89 Instrument Calibrator
- (3) Unit 1 Containment High Range Radiation Monitor
- (4) Gamma Spectroscopy System
 - Unit 11; 3L Solid Geometry
 - Unit 12; 60 ml Liquid Geometry
 - Unit 13; 3L Gas Marinelli Geometry
- (5) Eberline Small Article Monitor (SAM); Model 11; SN 309741
- (6) Eberline Portal Monitor; Model PM7; SN 479831
- (7) Rados Personnel Contamination Monitor; Model Two Step; SN 479902

- (8) Johnson; Model 200W Survey Meter; SN 293099
- (9) Eberline AMS-4; SN 476326
- (10) Eberline ASP-1; SN 3958

Effluent Monitoring Calibration and Testing Program Sample (IP Sample 03.03) (2 Samples)

The inspectors evaluated the calibration and maintenance of the following radioactive effluent monitoring and measurement instrumentation:

- (1) 1R-19; Unit 1 Steam Generator Blowdown Monitor
- (2) 1R-37; Unit 1 Auxiliary Building Vent Gas Monitor

71124.06 - Radioactive Gaseous and Liquid Effluent Treatment

Sampling and Analysis (IP Section 03.02) (3 Samples)

The inspectors evaluated the sampling and analysis of the following release pathways:

- (1) Waste Gas Decay Tank System
- (2) Liquid Waste System
- (3) Continuous Gaseous Effluent Release Systems

Dose Calculations (IP Section 03.03) (2 Samples)

The inspectors evaluated the following dose calculations:

- (1) Gaseous effluent dose calculations for first quarter 2021.
- (2) Liquid effluent dose calculations for first quarter 2021.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

BI01: Reactor Coolant System (RCS) Specific Activity Sample (IP Section 02.10) (2 Samples)

- (1) Unit 1 October 1, 2020, through March 31, 2021
- (2) Unit 2 October 1, 2020, through March 31, 2021

BI02: RCS Leak Rate Sample (IP Section 02.11) (2 Samples)

- (1) Unit 1 RCS Leakage January 1, 2021, through June 30, 2021
- (2) Unit 2 RCS Leakage January 1, 2021, through June 30, 2021

OR01: Occupational Exposure Control Effectiveness Sample (IP Section 02.15) (1 Sample)

- (1) July 01, 2020, through March 31, 2021

PR01: Radiological Effluent Technical Specifications/Offsite Dose Calculation Manual
Radiological Effluent Occurrences (RETS/ODCM) Radiological Effluent Occurrences Sample
(IP Section 02.16) (1 Sample)

(1) July 01, 2020, through March 31, 2021

71152 - Problem Identification and Resolution

Semiannual Trend Review (IP Section 02.02) (1 Sample)

(1) Unit 2 Emergency Diesel Generator Issues Cognitive Trend Analysis on 06/21/2021

71153 – Follow-Up of Events and Notices of Enforcement Discretion

Event Follow-Up (IP Section 03.01) (1 Sample)

(1) D6 diesel failure to reach speed and voltage on 06/03/2021

INSPECTION RESULTS

| | |
|--|-------|
| Observation: Semi Annual Review of D5/D6 Emergency Diesel Generators | 71152 |
| Resident Inspectors reviewed Corrective Action products associated with the D5 and D6 Emergency Diesel Generators which were generated from June 2020 thru June 2021 as well as Open/Active CAP's. There were several equipment deficiencies documented in the Corrective Action Program, but no common theme or trend was identified. The inspectors did not identify any violations or findings during the review. | |
| Observation: D6 Diesel Failure to Reach Rated Speed and Voltage | 71153 |
| Inspectors conducted a follow up of the failure of the D6 diesel to reach rated speed and voltage. Inspectors reviewed circuit design against applicable design requirements. The inspectors identified potential improvement opportunities associated with start circuit design, however, no design deficiencies were identified. The licensee has initiated Corrective Actions to develop a procedure providing recovery instructions should the same or similar failure recur, and to investigate implementing enhancements to the fast start circuitry. The inspectors did not identify any findings or violations associated with the review. | |

EXIT MEETINGS AND DEBRIEFS

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

- On April 23, 2021, the inspectors presented the emergency preparedness program inspection exit meeting inspection results to Mr. C. Domingos, Site Vice President, and other members of the licensee staff.
- On May 19, 2021, the inspectors presented the radiation protection baseline inspection results to Mr. H. Hanson, Plant Manager, and other members of the licensee staff.
- On May 28, 2021, the inspectors presented the Prairie Island 2021 biennial operator requalification program inspection results to Mr. H. Hanson, Plant Manager, and other members of the licensee staff.
- On June 15, 2021, the inspectors presented the Prairie Island 2021 biennial operator requalification program inspection results (71111.11A) to Mr. C. Boegeman, Training Manager, and other members of the licensee staff.
- On June 30, 2021, the inspectors presented the integrated inspection results for (71124.08) to Mr. C. Domingos, Site Vice President, and other members of the licensee staff.
- On July 28, 2021, the inspectors presented the integrated inspection report results to Mr. C. Domingos, Site Vice President and other members of the licensee staff.

DOCUMENTS REVIEWED

| Inspection Procedure | Type | Designation | Description or Title | Revision or Date |
|----------------------|---------------|---|--|------------------|
| 71111.05 | Procedures | F5 Appendix A | Fire Zone 12 Fire Area 18 Relay and Cable Spreading Room | 39 |
| | | F5 Appendix A | Fire Detection Zone 74 Fire Area 41B | 34 |
| | | F5 Appendix A | Fire Zone 75 Fire Area 41 and 41A | 46 |
| | | Fire Zone 11 Fire Area 20 and 81 | BUS 15 and 16 Switchgear Rooms | 46 |
| 71111.11A | Work Orders | 7000079895 | SP 2089A-2A RHR Pump and Suction Valve From RWST | 05/13/2021 |
| | | 700079895 | SP 2089A RHR Pump and Suction Valve Quarterly Test | 05/13/2021 |
| 71111.11B | Miscellaneous | QF 1073-02 | Crew Simulator Examination Summary for Crew 4 | 0 |
| | | QF 1073-03 | Individual Operator Simulator Examination Summary for each Crew 4 RO and SRO | 0 |
| | | QF 1073-04 | STA/SE Simulator Examination Summary for Crew 4 | 0 |
| | | QF-1081-02, Rev. 1 (FP-T-SAT-81) | Simulator Testing Review Form - Transient Tests (Cycle 31) | 05/18/2021 |
| | | SIMULATOR EXERCISE GUIDE (SEG) PI-LOR-NRC-2001S | 2020 LOR NRC SIMULATOR EVALUATION #1 | 0 |
| | | SIMULATOR EXERCISE GUIDE (SEG) PI-LOR-NRC-2002S | 2020 LOR NRC SIMULATOR EVALUATION #2 | 0 |
| | | SIMULATOR EXERCISE GUIDE (SEG) PI-LOR-NRC-2003S | 2020 LOR NRC SIMULATOR EVALUATION #3 | 0 |
| | | Various | Operating Exam Data for JPMs and Scenarios from 2019 and 2020 | 0 |
| | | Various | List of Current Open Simulator Deviations | 0 |
| | | Various | Scenarios and JPMs for the 2021 Requalification Exam Cycle | 0 |
| | | WEEK 2 CREW 2 2021 LOR NRC | 35 Written Exam Questions with Correct Answers Indicated and Plausibility Statements for the Distractors | 0 |

| Inspection Procedure | Type | Designation | Description or Title | Revision or Date |
|----------------------|-----------------------------|---|---|------------------|
| | | Biennial Written Exam Key | | |
| | Procedures | FP-T-SAT-71 | NRC Exam Security Requirements | 11 |
| | | FP-T-SAT-73 | Licensed Operator Regualification Program Examinations | 14 |
| | | FP-T-SAT-80 | Simulator Configuration Management | 11 |
| | | FP-T-SAT-81 | Simulator Testing and Documentation | 11 |
| | Self-Assessments | 60700000630 | 2021 Pre-IP 71111.11B Self-Assessment | 04/08/2021 |
| 71111.13 | Procedures | | T-3 Certification Package | 04/15/2021 |
| 71111.15 | Corrective Action Documents | 501000048107 | 12 DDCLP Auto Start | 1 |
| | | 501000049987 | D6 Didn't Come up to Full Speed | 03/30/2021 |
| | Drawings | NE 116757 | D6 Emergency Generator Start Sequences | 76 |
| | Miscellaneous | NE 116575 | D6 Emergency Generator Radiator Fans | |
| | | NE-11675 | D6 Emergency Generator Speed Governor | 77 |
| | | WM-0156 | Completed WO Task Report-PMRQ 18703-06 - B26/LD SEQ CAB - REPLACE 27N & RXMH2 RELAYS | 06/14/2017 |
| | | XCE-07478 | Failure Analysis of a Relay | 04/29/2021 |
| Procedures | 2C20.7 | D5/D6 Diesel Generators Operating Procedure | 50 | |
| 71111.18 | Calculations | ENG-ME-066 | D5/D6 Fuel Oil Storage Requirements | 5 |
| | | PI-D5T-1 | Analysis of Record and Engineering Calculations | 11/02/1992 |
| | Calibration Records | ENG-ME-066 | D5/D6 Fuel Oil Storage Requirements | 5 |
| 71111.19 | Corrective Action Documents | 501000052715 | MV-32247, '22 AFW TO 22 SG MV' | 06/02/2021 |
| | Procedures | | Prairie Island Updated Safety Analysis Report-Plant Standby Diesel Generator System | 36 |
| | | Regulatory Guide 1.9 | Regulatory Guide-Selection, Design, Qualification, and Testing of Emergency Diesel Generator Units Used as Class 1E Onsite Electric Power Systems at Nuclear Power Plants | 2 |
| | | Regulatory Guide 1.9 | Regulatory Guide-Selection, Design, Qualification, and Testing of Emergency Diesel Generator Units Used as Class 1E Onsite Electric Power Systems at Nuclear Power Plants | 3 |
| | | Updated Safety Analysis Report | Plant Standby Diesel Generator Systems - USAR Section 8 | 36 |

| Inspection Procedure | Type | Designation | Description or Title | Revision or Date |
|----------------------|-----------------------------|--------------|--|------------------|
| | Work Orders | 700085414 | 11 CL Strainer Motor PA | 01/29/2021 |
| | | 700029674 | SV 37409 | 10/20/2020 |
| | | 700029688 | SV-37403 Replacement | 03/16/2021 |
| | | 700047608 | Replace Open/Close Limit Switch | 06/30/2021 |
| | | 700075963 | GMP ADAM-001 11 CLG Water Strainer Inspection | 04/05/2021 |
| | | 700079904 | SP 2102 22 Turbine B-Driven Auxiliary Feed Water Pump Quarterly Test | 05/20/2021 |
| | | 700079904 | SP 2102 22 TB-Driven Auxiliary Feedwater Pump Quarterly Test | 04/16/2021 |
| | | 700080588 | SP 1101 12 MD Auxiliary Feedwater Pump Quarterly Flow and Valve Test | 05/27/2021 |
| | | 700085414 | 11 CL Strainer Motor Pa (AR 50100048109) | 01/29/2021 |
| | | 700085414 | 11 CL Strainer Motor PA | 01/29/2021 |
| | | 700090868 | Troubleshoot and Repair 22 CHG PMP | 05/19/2021 |
| 71111.22 | Work Orders | 700070318 | Offline Test - MTR 15-4 (11 RHR PUMP) | 05/09/2021 |
| | | 700075027 | SP 21SSA CC System/Check Valve UT Test Train A | 02/03/2021 |
| | | 700077690 | 11 Turbine Driven Auxiliary Feedwater Quarterly Test | 04/15/2021 |
| | | 700081175 | SP 1093 D1 DG Slow Start | 04/07/2021 |
| 71114.02 | Corrective Action Documents | 501000025406 | Dakota County | 04/11/2019 |
| | | 501000027074 | Pierce County Siren P-41 | 05/08/2019 |
| | | 501000034587 | Red Wing Siren R-01 Out of Service | 11/11/2019 |
| | | 501000035108 | Siren Testing Conducted 1 Day Early | 11/26/2019 |
| | | 501000036047 | EP Potential Siren Failure P-36 | 12/26/2019 |
| | | 501000048334 | SP 1397 Weekly Siren Test | 02/03/2021 |
| | | 501000048756 | SP 1397 Weekly Siren Test | 02/17/2021 |
| | | 501000049220 | SP 1397 Weekly Siren Test | 03/03/2021 |
| | Fire Plans | SP 1397 | EPlan Fixed Siren Test | 02/10/2021 |
| | Miscellaneous | PI-2019-677 | 10 CFR 50.54(q) Review Form | 06/04/2019 |
| | | SP 1397 | EPlan Fixed Siren Test | 01/14/2020 |
| | | SP 1397 | EPlan Fixed Siren Test | 10/21/2020 |
| | | SP 1397 | EPlan Fixed Siren Test | 11/13/2019 |
| | | SP 1397 | EPlan Fixed Siren Test | 07/03/2019 |
| | | SP 1397 | EPlan Fixed Siren Test | 03/03/2021 |

| Inspection Procedure | Type | Designation | Description or Title | Revision or Date |
|----------------------|-----------------------------|--|---|------------------------------|
| 71114.03 | Corrective Action Documents | 501000048033 | NOS: Response to Drill Untimely | 01/22/2021 |
| | | 501000048120 | Everbridge Auto ERO Testing | 01/26/2021 |
| | Miscellaneous | | Semi-annual Emergency Organization Augmentation Response Drills | January 2019 - December 2020 |
| 71114.05 | Corrective Action Documents | 501000028353 | TSC Room Temperature Indication Failed | 06/09/2019 |
| | | 501000029764 | Upper TSC HVAC Not Maintaining Temperature | 07/18/2019 |
| | | 501000030186 | TSC Upper Level HVAC Ckt 1 Compressor | 07/13/2019 |
| | | 501000031446 | TSC Room Temperature High | 09/04/2019 |
| | | 501000035000 | NOS: EP Interface Agency Support | 11/27/2019 |
| | | 501000038185 | Classification Data for RMs | 02/28/2020 |
| | | 501000041154 | Emergency Shift Communicator Staffing | 05/30/2020 |
| | | 501000041596 | LOR DEP Notification Time Exceeded Goal | 06/17/2020 |
| | | 501000041597 | ORO Email Rejecting EP's 577 Form | 06/17/2020 |
| | | 501000041747 | AutoDial to TI Casino Not Working | 06/22/2020 |
| | | 501000047833 | Regulatory Review Wasn't Assigned to EP | 01/15/2021 |
| | | 501000047877 | NOS: SRD Not Functioning in EP Facility | 01/19/2021 |
| | | 501000047991 | NOS: EPIP Change Review | 01/21/2021 |
| | Miscellaneous | | 2021 Nuclear Oversight Audit of Fleet Emergency Preparedness | 01/29/2021 |
| | | | 2019 Nuclear Oversight Audit of Prairie Island Emergency Preparedness | 02/18/2019 |
| | | Nuclear Oversight EP Annual Evaluation | 12/05/2019 | |
| 71124.05 | Calibration Records | | Mirion Fastscan Whole Body Counter | 08/12/2020 |
| | | | JL Shepherd Model 89 Instrumentation Calibrator | 12/02/2020 |
| | | | Gamma Spectroscopy System; Unit 11: 3L Solid Geometry | 09/15/2020 |
| | | | Gamma Spectroscopy System; Unit 12; 60 ML Liquid Geometry | 04/24/2018 |
| | | | Gamma Spectroscopy System; Unit 13; 3L Gas Marinelli Geometry | 04/12/2018 |
| | | 293099 | Johnson Model 293099 Survey Meter | 02/08/2021 |
| | | 309741 | Small Article Monitor; Model 11 | 05/01/2020 |

| Inspection Procedure | Type | Designation | Description or Title | Revision or Date |
|----------------------|-----------------------------|-----------------------------|---|-------------------------------------|
| | | 3958 | Eberline ASP-1 Survey Instrument | 09/02/2020 |
| | | 476326 | Eberline AMS-4 Air Monitor | 08/27/2020 |
| | | 479831 | Portal Monitor; Model PM-7 | 06/21/2020 |
| | | 479902 | Rados Personnel Contamination Monitor Model Two Step | 12/07/2020 |
| | | 700050776 | SP 1027.2A NMC Train A Calibration | 08/07/2019 |
| | | 700050777 | SP 1927,4 High Range RMS | 07/17/2019 |
| | Corrective Action Documents | 501000022044 | SSA 71124.08 Degraded Cabling | 01/16/2019 |
| | | 501000026362 | Instrument Failed Calibration As Found | 04/26/2019 |
| | | 501000026757 | Rad Monitor Performance - Adverse Trend | 05/03/2019 |
| | | 501000026773 | JL Shepherd Calibrator Budgeting | 05/03/2019 |
| | | 501000029479 | Missing Gasket at 2RE-22 Flow Totalizer | 07/12/2019 |
| | | 501000040983 | Incorrect RP Instrument Calibration | 05/26/2020 |
| | Miscellaneous | 501000040984 | Incorrect RP Instrument Acceptance Range | 05/26/2020 |
| | | | Radiochemistry Analytical Crosscheck Data | 2019-2020 |
| 71124.06 | Miscellaneous | | 2019 Land Use Census at Prairie Island | 09/13/2019 |
| | | | 2020 Land Use Census at Prairie Island | 09/28/2020 |
| | | | 2019 Annual Radioactive Effluent Report and Offsite Dose Calculation Manual | 05/15/2020 |
| | | | 2020 Annual Radioactive Effluent Report and Offsite Dose Calculation Manual | 05/14/2021 |
| | | | February 2021 Chemistry Monthly Release Report | 03/17/2021 |
| | Procedures | CY-ENVR-401 | Liquid Waste Tank Release Report | 8 |
| | | CY-ENVR-511 | Airborne Continuous Release Report | 1 |
| | | CY-ENVR-512 | Gas Decay Tank Release Instruction | 8 |
| | | H4 | Offsite Dose Calculation Manual | 32 |
| | 71151 | Corrective Action Documents | 501000051547 | U1 Containment LHRA Lockbox Failure |
| Miscellaneous | | | Radiological Effluent Summary Dose Data from July 01, 2020 through March 31, 2021. | Various |
| | | | Electronic Dosimetry Alarm Logs - October 1, 2020 through March 31, 2021 | Various |
| | | | Unit 1 and Unit 2 Radiochemistry Dose Equivalent Analysis Data from October 1, 2020 through March 31, 2021. | Various |

