



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

September 1, 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: UPDATED INSPECTION PLAN FOR PRAIRIE ISLAND NUCLEAR
GENERATING PLANT UNITS 1 AND 2 (Report 05000282/2021005 AND
05000306/2021005)

Dear Mr. Domingos:

The enclosed inspection plan lists the inspections scheduled through June 30, 2023, for the Prairie Island Nuclear Generating Plant. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In response to the COVID-19 public health emergency (PHE), the NRC is adjusting inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the ROP. Each planned inspection is being carefully reviewed in order to determine if any portions of the inspection can be performed remotely, determine how best to perform on-site portions to minimize personnel health risks, and adjust inspection schedules if needed. This is done in accordance with guidance contained in the February 1, 2021 memo, "Calendar Year 2021 Inspection Guidance During COVID-19 Telework Restrictions" (ML21027A274). For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling. The NRC will be performing IP 71003, "Post-Approval Site Inspection for License Renewal," and IP 37060, "10 CFR 50.69 Risk-Informed Categorization and Treatment of Structures, Systems, and Components Inspection," during this period.

The NRC will also be performing baseline inspections of licensee cyber security programs. The specific schedule and procedure to be used for these inspections is being developed by the NRC staff. The staff expects to communicate the schedule for these inspections to each utility separately.

Additionally, during this period the NRC will perform inspections per Temporary Instruction (TI) 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerability in Electrical Power Systems (NRC Bulletin 2012-01)."

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact Hironori Peterson at 630-829-9707 with any questions you have regarding this letter.

Sincerely,

/RA/

Hironori Peterson, Chief
Branch 3
Division of Reactor Projects

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

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Christopher Domingos from Hironori Peterson dated September 1, 2021.

SUBJECT: UPDATED INSPECTION PLAN FOR PRAIRIE ISLAND NUCLEAR GENERATING PLANT UNITS 1 AND 2 (Report 05000282/2021005 AND 05000306/2021005)

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IP 22b Site Inspection Activity Plan

07200010 - Prairie Island (ISFSI)

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
ISFSI Pad Construction						2
1	9/6/2021	9/10/2021	IP 60853	000999	On-Site Fabrication Of Components And Construction On An ISFSI	
1	9/20/2021	9/24/2021	IP 60853	000999	On-Site Fabrication Of Components And Construction On An ISFSI	
ISFSI Cask Loading Inspection						2
1	5/15/2023	5/19/2023	IP 60855	001001	Operation Of An ISFSI	

IP 22b Site Inspection Activity Plan

Prairie Island

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
Emergency Preparedness Exercise Inspection / Performance Indicator Verification						4
1, 2	8/2/2021	8/5/2021	IP 71114.01	000716	Exercise Evaluation	
OPC Temporary Instruction 2515/194						1
1, 2	8/23/2021	8/27/2021	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
Inservice Inspection Prairie Island Unit 2						1
2	9/27/2021	10/30/2021	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Radiation Protection Baseline Inspection						1
1, 2	10/4/2021	10/8/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/4/2021	10/8/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	10/4/2021	10/8/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
Radiation Protection Baseline Inspection						1
1, 2	10/25/2021	10/29/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Security Baseline Inspection						1
1, 2	10/1/2021	12/31/2021	IP 71130.09	001656	Security Plan Changes	
1, 2	11/8/2021	11/12/2021	IP 71130.07	000739	Security Training	
Security Baseline Inspection						2
1, 2	2/14/2022	2/18/2022	IP 71130.14	000743	Review of Power Reactor Target Sets	
1, 2	3/14/2022	3/18/2022	IP 71130.01	000733	Access Authorization	
1, 2	3/14/2022	3/18/2022	IP 71130.02	000734	Access Control	
1, 2	3/14/2022	3/18/2022	IP 71151	001338	Performance Indicator Verification	
1, 2	4/11/2022	4/15/2022	IP 71130.01	000733	Access Authorization	
1, 2	4/11/2022	4/15/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
Triennial Fire Protection						3
1, 2	3/28/2022	4/15/2022	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
Triennial Heat Slnk						2
1, 2	4/25/2022	4/29/2022	IP 71111.07T	000700	Heat Sink Performance	
Radiation Protection Baseline						1
1, 2	5/2/2022	5/6/2022	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	5/2/2022	5/6/2022	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	5/2/2022	5/6/2022	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	5/2/2022	5/6/2022	IP 71124.07	000731	Radiological Environmental Monitoring Program	
Risk-informed categorization of SSCs						5

IP 22b Site Inspection Activity Plan

1, 2	6/6/2022	6/24/2022	IP 37060	000521	10 CFR 50.69 Risk-Informed Categorization and Treatment of Structures, Systems, and Components Inspection	
Prairie Island August 2022 Initial License Exam						3
1, 2	6/26/2022	7/2/2022	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	7/31/2022	8/6/2022	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
1, 2	8/7/2022	8/13/2022	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
License Renewal Phase 4						4
1, 2	7/18/2022	7/22/2022	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
Emergency Preparedness Exercise Inspection / Performance Indicator Verification						4
1, 2	8/1/2022	8/5/2022	IP 71114.01	000716	Exercise Evaluation	
1, 2	8/1/2022	8/5/2022	IP 71151	001397	Performance Indicator Verification	
Cyber Security Inspection						4
1, 2	9/12/2022	9/16/2022	IP 71130.10P	000741	Cyber Security	
Security Baseline Inspection						1
1, 2	10/3/2022	12/31/2022	IP 71130.09	001656	Security Plan Changes	
Inservice Inspection Prairie Island Unit 1						1
1	10/17/2022	11/4/2022	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Radiation Protection Baseline						1
1, 2	10/31/2022	11/4/2022	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
Radiation Protection Baseline						1
1, 2	11/28/2022	12/2/2022	IP 71124.05	000729	Radiation Monitoring Instrumentation	
Evaluations of Changes, Tests and Experiments Inspection						3
1, 2	1/9/2023	1/13/2023	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
Biennial Problem Identification and Resolution Inspection						4
1, 2	4/3/2023	4/21/2023	IP 71152B	000747	Problem Identification and Resolution	
Emergency Preparedness Baseline Inspection / Performance Indicator Verification						1
1, 2	4/17/2023	4/21/2023	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	4/17/2023	4/21/2023	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	4/17/2023	4/21/2023	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2	4/17/2023	4/21/2023	IP 71151	001397	Performance Indicator Verification	
Radiation Protection Baseline Inspection						1
1, 2	4/17/2023	4/21/2023	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Prairie Island 2023 Biennial Licensed Operator Requalification Program Inspection						2
1, 2	5/22/2023	5/28/2023	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Design Basis Assurance Inspection (Programs)						3

IP 22b Site Inspection Activity Plan

1, 2 6/12/2023 6/30/2023 IP 71111.21N.03

Design Bases Assurance Inspections (Programs) 2023
