



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

August 28, 2019

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: UPDATED INSPECTION PLAN FOR PRAIRIE ISLAND NUCLEAR
GENERATING PLANT, UNITS 1 AND 2 (REPORT 05000282/2019005;
05000286/2019005)

Dear Mr. Sharp:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for the Prairie Island Nuclear Generating Plant, Units 1 and 2. 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. You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. 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.

As part of the baseline inspection program, the NRC will be performing Inspection Procedure (IP) 71152, "Biennial Problem Identification and Resolution Inspection," from March 15 to April 2, 2021, and IP 7111.21, "Design Bases Assurance Inspection," from May 10 - 28, 2021.

S. Sharp

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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 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Please contact me 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. 50-282; 50-306
License Nos. DPR-42; DPR-60

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Scott Sharp from Hironori Peterson dated August 28, 2019

SUBJECT: UPDATED INSPECTION PLAN FOR PRAIRIE ISLAND NUCLEAR
GENERATING PLANT, UNITS 1 AND 2 (REPORT 05000282/2019005;
05000286/2019005)

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OFFICE	RIII						
NAME	HPeterson:bw						
DATE	8/27/2019						

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

07200010 - Prairie Island (ISFSI)

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
ISFSI Security Inspection						
1	03/15/2021	03/19/2021	IP 81311	001006	Physical Security Requirements for Independent Spent Fuel Storage Installations	1

IP 22 Inspection Activity Plan Report

Prairie Island

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Biennial Requalification Program Inspection						2
1, 2	09/09/2019	09/13/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Security Baseline Inspection						1
1, 2	09/30/2019	10/04/2019	IP 71130.02	000734	Access Control	
1, 2	09/30/2019	10/04/2019	IP 71130.06	000738	Protection of Safeguards Information	
Inservice Inspection on Unit 2						1
2	10/04/2019	11/03/2019	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Radiation Protection Baseline Inspection						1
1, 2	10/07/2019	10/11/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
Radiation Protection Baseline Inspection						1
1, 2	12/02/2019	12/06/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
OPC Temporary Instruction 2515/194						1
1, 2	12/16/2019	12/20/2019	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)	
Radiation Protection Baseline Inspection						1
1, 2	02/24/2020	02/28/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	02/24/2020	02/28/2020	IP 71124.04	000728	Occupational Dose Assessment	
Security Baseline Inspection						1
1, 2	03/23/2020	03/27/2020	IP 71130.08	000740	Fitness For Duty Program	
1, 2	04/27/2020	05/01/2020	IP 71130.02	000734	Access Control	
1, 2	04/27/2020	05/01/2020	IP 71130.08	000740	Fitness For Duty Program	
License Renewal Phase 4						3
1, 2	04/06/2020	04/10/2020	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
ISFSI Cask Loading Inspection 2Q2020						2
1, 2	05/04/2020	05/08/2020	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	

IP 22 Inspection Activity Plan Report

Prairie Island

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Design Bases Assurance Inspection (Programs)						3
1, 2	05/04/2020	05/23/2020	IP 71111.21N.02		Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
Evaluations of Changes, Tests, and Experiments Inspection						3
1, 2	06/22/2020	06/26/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
Prairie Island August 2020 Initial Exam						3
1, 2	07/13/2020	07/17/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	08/17/2020	08/28/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
Emergency Preparedness Exercise Inspection / Performance Indicator Verification						4
1, 2	07/20/2020	07/24/2020	IP 71114.01	000716	Exercise Evaluation	
1, 2	07/20/2020	07/24/2020	IP 71151	001397	Performance Indicator Verification	
Radiation Protection Baseline Inspection						2
1, 2	08/10/2020	08/14/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	08/10/2020	08/14/2020	IP 71124.07	000731	Radiological Environmental Monitoring Program	
Inservice Inspection Unit 1						1
1	09/21/2020	10/09/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Security Baseline Inspection						1
1, 2	09/28/2020	10/02/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	09/28/2020	10/02/2020	IP 71151	001338	Performance Indicator Verification	
Radiation Protection Baseline Inspection						1
1, 2	10/26/2020	10/30/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/26/2020	10/30/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Force-on-Force Planning and Exercises						6
1, 2	11/16/2020	11/20/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	12/07/2020	12/11/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Biennial Problem Identification and Resolution Inspection						4
1, 2	03/15/2021	04/02/2021	IP 71152B	000747	Problem Identification and Resolution	

This report does not include INPO and OUTAGE activities.
 This report shows only on-site and announced inspection procedures.

IP 22 Inspection Activity Plan Report

Prairie Island

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Radiation Protection Baseline Inspection						
1, 2	04/12/2021	04/16/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	1
Design Bases Assurance Inspection (Team)						
1, 2	05/10/2021	05/28/2021	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	6
Radiation Protection Baseline Inspection						
1, 2	06/28/2021	07/02/2021	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	1