



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

August 28, 2017

Mr. Scott D. Northard  
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 05000282/2017005 AND 05000306/2017005)**

Dear Mr. Northard:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019 for 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. 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. This inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

The NRC staff completed Temporary Instruction 2515/191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans" at Prairie Island Nuclear Generating Plant, Units 1 and 2 on July 14, 2017, to confirm full implementation of orders Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events" and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation." The results of the inspection can be found in inspection report 05000282/2017007; 05000306/201007.

This letter and its enclosure 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 630-829-9827 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Billy Dickson, Chief  
Branch 2  
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 D. Northard from Billy Dickson dated August 28, 2017

SUBJECT: UPDATED INSPECTION PLAN FOR PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2 (REPORT 05000282/2017005 AND 05000306/2017005)

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ADAMS Accession Number: ML17240A315

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NAME	BDickson:bw						
DATE	08/28/2017						

**OFFICIAL RECORD COPY**

**Prairie Island**  
**Inspection / Activity Plan**  
 09/01/2017 - 06/30/2019

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>OL-RQ - BIENNIAL REQUAL PROGRAM INSPECTION</b>		<b>2</b>
1, 2	08/28/2017	09/01/2017	IP 7111111B	Licensed Operator Requalification Program	
			<b>ISI - INSERVICE INSPECTION UNIT 2</b>		<b>1</b>
2	09/29/2017	10/29/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	10/23/2017	10/27/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	11/13/2017	11/17/2017	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>BI ENG - DBA TEAM INSPECTION</b>		<b>3</b>
1, 2	05/07/2018	05/25/2018	IP 7111121M	Design Bases Assurance Inspection (Teams)	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	02/12/2018	02/16/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	02/12/2018	02/16/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	02/12/2018	02/16/2018	IP 71124.04	Occupational Dose Assessment	
			<b>ISFSI - ISFSI CASK LOADING INSPECTION</b>		<b>2</b>
1, 2	03/15/2018	04/15/2018	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			<b>BI PI&amp;R - BIENNIAL PI&amp;R INSPECTION</b>		<b>4</b>
1	06/25/2018	07/13/2018	IP 71152B	Problem Identification and Resolution	
			<b>EP - EP EXERCISE/PIVERIFICATION</b>		<b>2</b>
1	07/16/2018	07/20/2018	IP 7111401	Exercise Evaluation	
1	07/16/2018	07/20/2018	IP 7111406	Drill Evaluation	
1	07/16/2018	07/20/2018	IP 7111408	Exercise Evaluation – Scenario Review	
1	07/16/2018	07/20/2018	IP 71151	Performance Indicator Verification	
			<b>OL PREP - INITIAL PREP AUG 2018</b>		<b>3</b>
1	08/13/2018	08/17/2018	W90377	OL - INITIAL EXAM - 2018 AUG-SEPT - PRAIRIE ISLAND	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>2</b>
1	08/27/2018	08/31/2018	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	08/27/2018	08/31/2018	IP 71124.07	Radiological Environmental Monitoring Program	
1	08/27/2018	08/31/2018	IP 71151	Performance Indicator Verification	
			<b>OL EXAM - INITIAL EXAM SEPT 2018</b>		<b>3</b>
1	09/10/2018	09/21/2018	W90377	OL - INITIAL EXAM - 2018 AUG-SEPT - PRAIRIE ISLAND	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>2</b>
1	10/01/2018	10/05/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	

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

**Prairie Island**  
**Inspection / Activity Plan**  
**09/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>2</b>
1	10/01/2018	10/05/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1	10/01/2018	10/05/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/01/2018	10/05/2018	IP 71124.04	Occupational Dose Assessment	
			<b>ISI - INSERVICE INSPECTION ON UNIT 1</b>		<b>1</b>
1	10/05/2018	11/04/2018	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	12/10/2018	12/14/2018	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	02/04/2019	02/08/2019	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>BI EP - EP BASELINE INSPECTION /PI VERIFICATION</b>		<b>1</b>
1, 2	04/29/2019	05/03/2019	IP 7111402	Alert and Notification System Testing	
1, 2	04/29/2019	05/03/2019	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	04/29/2019	05/03/2019	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	04/29/2019	05/03/2019	IP 71151	Performance Indicator Verification	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	05/06/2019	05/10/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			<b>BI FIRE - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>3</b>
1	06/24/2019	07/26/2019	IP 7111105X	Fire Protection - NFPA 805 (Triennial)	

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