



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

August 28, 2017

Mr. Peter A. Gardner  
Site Vice President  
Monticello Nuclear Generating Plant  
Northern States Power Company, Minnesota  
2807 West County Road 75  
Monticello, MN 55362-9637

**SUBJECT: UPDATED INSPECTION PLAN FOR MONTICELLO NUCLEAR GENERATING  
PLANT (REPORT 05000263/2017005)**

Dear Mr. Gardner:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019 for Monticello 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. 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 plans to perform 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 Monticello Nuclear Generating Plant on March 5, 2018, 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."

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 No. 50-263  
License No. DPR-22

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Peter A. Gardner from Billy Dickson dated August 28, 2017

SUBJECT: UPDATED INSPECTION PLAN FOR MONTICELLO NUCLEAR GENERATING PLANT (REPORT 05000263/2017005)

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**Monticello**  
**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 EP - EP EXERCISE INSPECTION / PI VERIFICATION</b>		<b>7</b>
1	07/18/2017	09/01/2017	IP 7111408	Exercise Evaluation – Scenario Review	
1	08/28/2017	09/01/2017	IP 7111401	Exercise Evaluation	
1	08/28/2017	09/01/2017	IP 7111406	Drill Evaluation	
1	08/28/2017	09/01/2017	IP 71151	Performance Indicator Verification	
			<b>BI ENG - DBA PROGRAMS</b>		<b>3</b>
1	09/18/2017	10/06/2017	IP 7111121N	Design Bases Assurance Inspection (Programs)	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	10/02/2017	10/06/2017	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>OL-RQ - BIENNIAL REQUAL PROGRAM INSPECTION</b>		<b>2</b>
1	10/16/2017	10/20/2017	IP 7111111B	Licensed Operator Requalification Program	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	01/22/2018	01/26/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			<b>BI ENG - DBA TEAM INSPECTION</b>		<b>3</b>
1	08/06/2018	08/24/2018	IP 7111121M	Design Bases Assurance Inspection (Teams)	
			<b>FLEX - FLEX/MITIGATING STRATEGIES/SFP</b>		<b>4</b>
1	03/05/2018	03/09/2018	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	06/04/2018	06/08/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>ISFSI - ISFSI CASK LOADING INSPECTION</b>		<b>2</b>
1	07/01/2018	10/15/2018	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	09/17/2018	10/05/2018	IP 71152B	Problem Identification and Resolution	
			<b>OL PREP - INITIAL PREP OCT 2018</b>		<b>3</b>
1	10/01/2018	10/05/2018	W90375	OL - INITIAL EXAM - 2018 SEPT-OCT - MONTICELLO	
			<b>OL EXAM - INITIAL EXAM SEPT/OCT 2018</b>		<b>4</b>
1	10/29/2018	11/08/2018	W90375	OL - INITIAL EXAM - 2018 SEPT-OCT - MONTICELLO	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	03/18/2019	03/22/2019	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	03/18/2019	03/22/2019	IP 71124.04	Occupational Dose Assessment	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	04/22/2019	04/26/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/22/2019	04/26/2019	IP 71124.02	Occupational ALARA Planning and Controls	

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

Monticello  
Inspection / Activity Plan  
09/01/2017 - 06/30/2019

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>BI ENG - TRIENNIAL HEAT SINK INSPECTION</b>		<b>2</b>
1	05/13/2019	05/17/2019	IP 7111107T	Heat Sink Performance	
			<b>BI 50.59 - TRIENNIAL 50.59 INSPECTION</b>		<b>3</b>
1	06/03/2019	06/07/2019	IP 7111117T	Evaluations of Changes, Tests, and Experiments	

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