



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

August 28, 2019

Mr. Christopher Church  
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 05000263/2019005)**

Dear Mr. Church:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for the 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. 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) 71130.10, "Cyber Security Inspection," from February 8-26, 2021, and IP 7111.21, "Design Bases Assurance Inspection," from August 16-September 3, 2021.

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. 50-263; 72-058  
License Nos. DPR-22

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Christopher Church from Hironori Peterson dated August 28, 2019

SUBJECT: UPDATED INSPECTION PLAN FOR MONTICELLO NUCLEAR GENERATING PLANT (REPORT 05000263/2019005)

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NAME	HPeterson:bw						
DATE	8/27/2019						

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# IP 22 Inspection Activity Plan Report

## 07200058 - Monticello (ISFSI)

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ISFSI Security Inspection</b>						
1	09/16/2019	09/20/2019	IP 81311	001006	Physical Security Requirements for Independent Spent Fuel Storage Installations	1

# IP 22 Inspection Activity Plan Report

## Monticello

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Security Baseline Inspection</b>						1
1	08/26/2019	09/03/2019	IP 71130.06	000738	Protection of Safeguards Information	
1	09/16/2019	09/20/2019	IP 71130.06	000738	Protection of Safeguards Information	
<b>Radiation Protection Baseline Inspection</b>						1
1	09/09/2019	09/13/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>Emergency Preparedness Exercise Inspection / Performance Indicator Verification</b>						2
1	09/09/2019	09/13/2019	IP 71114.01	000716	Exercise Evaluation	
1	09/09/2019	09/13/2019	IP 71151	001397	Performance Indicator Verification	
<b>Biennial Requalification Program Inspection</b>						2
1	10/04/2019	10/18/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>Radiation Protection Baseline Inspection</b>						1
1	10/21/2019	10/25/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>Radiation Protection Baseline</b>						1
1	11/04/2019	11/08/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/04/2019	11/08/2019	IP 71124.04	000728	Occupational Dose Assessment	
<b>Triennial Fire Protection Inspection</b>						3
1	01/27/2020	02/14/2020	IP 71111.21N.05		Fire Protection Team Inspection (FPTI)	
<b>Security Baseline Inspection</b>						1
1	03/23/2020	03/27/2020	IP 71130.08	000740	Fitness For Duty Program	
1	03/23/2020	03/27/2020	IP 71130.14	000743	Review of Power Reactor Target Sets	
1	03/23/2020	03/27/2020	IP 71151	001338	Performance Indicator Verification	
1	05/04/2020	05/08/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
<b>Radiation Protection Baseline Inspection</b>						1
1	04/06/2020	04/10/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	04/06/2020	04/10/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	

# IP 22 Inspection Activity Plan Report

## Monticello

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Reliable Hardened Containment Vents TI-193</b>						2
1	05/11/2020	05/15/2020	TI 2515/193	000511	Inspection of the Implementation of EA-13-109: Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation under Severe Accident Conditions	
<b>License Renewal Phase 4</b>						3
1	06/01/2020	06/05/2020	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
<b>Radiation Protection Baseline Inspection</b>						1
1	06/01/2020	06/05/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>Design Bases Assurance Inspection (Programs)</b>						3
1	08/17/2020	09/04/2020	IP 71111.21N.02		Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
<b>Monticello October 2020 Initial Exam</b>						3
1	09/14/2020	09/18/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	10/19/2020	10/30/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>Security Baseline Inspection</b>						1
1	10/19/2020	10/23/2020	IP 71130.02	000734	Access Control	
<b>Biennial Problem Identification and Resolution Inspection</b>						4
1	10/26/2020	11/13/2020	IP 71152B	000747	Problem Identification and Resolution	
<b>ISFSI Program Review Inspection 4Q2020</b>						1
1	11/02/2020	11/06/2020	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
<b>Radiation Protection Baseline Inspection</b>						1
1	11/02/2020	11/06/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/02/2020	11/06/2020	IP 71124.04	000728	Occupational Dose Assessment	
<b>Cyber Security Inspection</b>						4
1	02/08/2021	02/26/2021	IP 71130.10P	000741	Cyber Security	
<b>Security Baseline Inspection</b>						2
1	02/22/2021	02/26/2021	IP 71130.01	000733	Access Authorization	

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

## Monticello

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Security Baseline Inspection</b>						2
1	02/22/2021	02/26/2021	IP 71130.02	000734	Access Control	
1	02/22/2021	02/26/2021	IP 71151	001338	Performance Indicator Verification	
1	03/15/2021	03/19/2021	IP 71130.02	000734	Access Control	
1	04/12/2021	04/16/2021	IP 71130.07	000739	Security Training	
<b>Radiation Protection Baseline Inspection</b>						1
1	03/08/2021	03/12/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>Inservice Inspection Monticello</b>						1
1	04/22/2021	04/30/2021	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>Radiation Protection Baseline Inspection</b>						1
1	04/26/2021	04/30/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	04/26/2021	04/30/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>Radiation Protection Baseline Inspection</b>						2
1	06/28/2021	07/02/2021	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	06/28/2021	07/02/2021	IP 71124.07	000731	Radiological Environmental Monitoring Program	