



**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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|--------|--------------|--|--|--|--|--|--|
| OFFICE | RIII | | | | | | |
| NAME | HPeterson:bw | | | | | | |
| DATE | 8/27/2019 | | | | | | |

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

07200058 - Monticello (ISFSI)

09/01/2019 - 06/30/2021

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|----------------------------------|------------|------------|----------|--------|---|-------------|
| ISFSI Security Inspection | | | | | | |
| 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 |
|--|------------|------------|-----------------|--------|---|-------------|
| Security Baseline Inspection | | | | | | 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 | |
| Radiation Protection Baseline Inspection | | | | | | 1 |
| 1 | 09/09/2019 | 09/13/2019 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation | |
| Emergency Preparedness Exercise Inspection / Performance Indicator Verification | | | | | | 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 | |
| Biennial Requalification Program Inspection | | | | | | 2 |
| 1 | 10/04/2019 | 10/18/2019 | IP 71111.11B | 000704 | Licensed Operator Requalification Program and Licensed Operator Performance | |
| Radiation Protection Baseline Inspection | | | | | | 1 |
| 1 | 10/21/2019 | 10/25/2019 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| Radiation Protection Baseline | | | | | | 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 | |
| Triennial Fire Protection Inspection | | | | | | 3 |
| 1 | 01/27/2020 | 02/14/2020 | IP 71111.21N.05 | | Fire Protection Team Inspection (FPTI) | |
| Security Baseline Inspection | | | | | | 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 | |
| Radiation Protection Baseline Inspection | | | | | | 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 |
|--|------------|------------|-----------------|--------|--|-------------|
| Reliable Hardened Containment Vents TI-193 | | | | | | 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 | |
| License Renewal Phase 4 | | | | | | 3 |
| 1 | 06/01/2020 | 06/05/2020 | IP 71003 | 000687 | Post-Approval Site Inspection for License Renewal | |
| Radiation Protection Baseline Inspection | | | | | | 1 |
| 1 | 06/01/2020 | 06/05/2020 | IP 71124.08 | 000732 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation | |
| Design Bases Assurance Inspection (Programs) | | | | | | 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 | |
| Monticello October 2020 Initial Exam | | | | | | 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) | |
| Security Baseline Inspection | | | | | | 1 |
| 1 | 10/19/2020 | 10/23/2020 | IP 71130.02 | 000734 | Access Control | |
| Biennial Problem Identification and Resolution Inspection | | | | | | 4 |
| 1 | 10/26/2020 | 11/13/2020 | IP 71152B | 000747 | Problem Identification and Resolution | |
| ISFSI Program Review Inspection 4Q2020 | | | | | | 1 |
| 1 | 11/02/2020 | 11/06/2020 | IP 60855.1 | 000590 | Operation of an Independent Spent Fuel Storage Installation at Operating Plants | |
| Radiation Protection Baseline Inspection | | | | | | 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 | |
| Cyber Security Inspection | | | | | | 4 |
| 1 | 02/08/2021 | 02/26/2021 | IP 71130.10P | 000741 | Cyber Security | |
| Security Baseline Inspection | | | | | | 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 |
|---|------------|------------|--------------|--------|--|-------------|
| Security Baseline Inspection | | | | | | 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 | |
| Radiation Protection Baseline Inspection | | | | | | 1 |
| 1 | 03/08/2021 | 03/12/2021 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation | |
| Inservice Inspection Monticello | | | | | | 1 |
| 1 | 04/22/2021 | 04/30/2021 | IP 71111.08G | 000701 | Inservice Inspection Activities (BWR) | |
| Radiation Protection Baseline Inspection | | | | | | 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 | |
| Radiation Protection Baseline Inspection | | | | | | 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 | |