



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

March 4, 2013

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

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR MONTICELLO NUCLEAR
GENERATING PLANT (REPORT 05000263/2012001)**

Dear Mr. Schimmel:

On February 13, 2013, the Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of the Monticello Nuclear Generating Plant. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2012 through December 31, 2012. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, the Monticello Nuclear Generating Plant operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at the Monticello Nuclear Generating Plant during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. 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 at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. 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 security related inspections, which will be sent via separate, non-publicly available correspondence.

We also plan on conducting Temporary Instructions 2515/177 "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems (NRC Generic Letter 2008-01)," and 2515/182 "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks."

M. Schimmel

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 630-829-9628 with any questions you may have regarding this letter.

Sincerely,

/RA by Julio Lara for/

Kenneth Riemer, Chief
Branch 2
Division of Reactor Projects

Docket Nos. 50-263;
License Nos. DPR-22

Enclosure: Monticello Nuclear Generating Plant Inspection/Activity Plan

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M. Schimmel

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Monticello
Inspection / Activity Plan
03/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	03/04/2013	03/08/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	03/04/2013	03/08/2013	IP 71124.04	Occupational Dose Assessment	
			ISI INSP - ISI BASELINE INSPECTION		1
1	03/25/2013	04/05/2013	IP 7111108G	Inservice Inspection Activities - BWR	
			BI EPX - EP EXERCISE INSPECTION / PI VERIFICATION		2
1	07/22/2013	07/26/2013	IP 7111401	Exercise Evaluation	
1	07/22/2013	07/26/2013	IP 71151	Performance Indicator Verification	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	05/06/2013	05/10/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			TI 182 - TI 182 BURIED PIPING PHASE 2		2
1	07/22/2013	07/26/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			BI HS - TRIENNIAL HEAT SINK INSPECTION		2
1	07/29/2013	08/02/2013	IP 7111107T	Heat Sink Performance	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	08/05/2013	08/09/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1	08/05/2013	08/09/2013	IP 71151-BI01	Reactor Coolant System Activity	
1	08/05/2013	08/09/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	08/05/2013	08/09/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			ISFSI - ISFSI INSPECTION - SCHEDULE DEPENDENT		2
1	09/01/2013	09/30/2013	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	09/09/2013	09/13/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			BI MODS - TRIENNIAL PERM MODS/50.59		3
1	11/04/2013	11/22/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
			BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION		2
1	10/07/2013	10/11/2013	IP 7111111B	Licensed Operator Requalification Program	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	01/13/2014	01/17/2014	IP 71124.02	Occupational ALARA Planning and Controls	
			BI ENG - FIRE PROTECTION INSPECTION & BAG TRIP		5
1	02/17/2014	03/28/2014	IP 7111105T	Fire Protection [Triennial]	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	04/14/2014	04/18/2014	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.

Monticello
Inspection / Activity Plan
03/01/2013 - 12/31/2014

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	Start	End			
			BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION		2
1	07/07/2014	07/11/2014	IP 7111402	Alert and Notification System Testing	
1	07/07/2014	07/11/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	07/07/2014	07/11/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	07/07/2014	07/11/2014	IP 71151	Performance Indicator Verification	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	08/04/2014	08/08/2014	IP 71124.05	Radiation Monitoring Instrumentation	
			PI&R - BIENNIAL PI&R INSPECTION		1
1	09/22/2014	10/10/2014	IP 71152B	Problem Identification and Resolution	
			OL PREP - INITIAL EXAM - 10/2014		3
1	10/06/2014	10/10/2014	W90307	OL - INITIAL EXAM - 2014 AUG-APR - MONT	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	10/27/2014	10/31/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1	10/27/2014	10/31/2014	IP 71151-BI01	Reactor Coolant System Activity	
1	10/27/2014	10/31/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	10/27/2014	10/31/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	

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