



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I**  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

September 4, 2012

Mr. Kenneth Langdon, Site Vice President  
Nine Mile Point Nuclear Station, LLC  
P.O. Box 63  
Lycoming, NY 13093-0063

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN –  
NINE MILE POINT NUCLEAR STATION UNITS 1 AND 2  
(REPORT 05000220/2012006 AND 05000410/2012006)**

Dear Mr. Langdon:

On August 14, 2012, the U. S. Nuclear Regulatory Commission (NRC) completed its mid-cycle performance review of Nine Mile Point Nuclear Station (NMPNS) Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2011 through June 30, 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. This assessment reflects the integration of the Security Cornerstone into the ROP performance assessment program governed by IMC 0305, "Operating Reactor Assessment Program."

The NRC determined the performance at NMPNS Units 1 and 2 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, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, consistent with the Agency's actions related to Fukushima, the NRC will perform TI-187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns" and TI-188 "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." Additionally, inspections will be performed for the preparations and initial loading of your Independent Spent Fuel Storage Installation. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-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.

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

Please contact me at (610) 337-5233 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Glenn T. Dentel Chief  
Projects Branch 1  
Division of Reactor Projects

Docket Nos. 50-220, 50-410  
License Nos. DPR-63, NFP-69

Enclosure: Inspection Plan

cc w/encl: Distribution via ListServ

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 ADAMS ACCESSION NUMBER: **ML12244A327**

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## Nine Mile Point

## Inspection / Activity Plan

07/01/2012 - 12/31/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>EP PROGR - EP PROGRAM INSPECTION</b>		1
1, 2	07/16/2012	07/20/2012	IP 7111402	Alert and Notification System Testing	
1, 2	07/16/2012	07/20/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	07/16/2012	07/20/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	07/16/2012	07/20/2012	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			<b>60854 - ISFSI DRY RUN &amp; INITIAL LOADING</b>		3
1, 2	07/23/2012	07/27/2012	IP 60854	Preoperational Testing Of An ISFSI	
1, 2	07/23/2012	07/27/2012	IP 60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants	
1, 2	08/27/2012	08/31/2012	IP 60854	Preoperational Testing Of An ISFSI	
1, 2	08/27/2012	08/31/2012	IP 60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants	
1, 2	08/27/2012	08/31/2012	IP 60856	Review of 10 CFR 72.212(b) Evaluations	
1, 2	08/27/2012	08/31/2012	IP 60856.1	Review of 10 CFR 72.212(b) Evaluations at Operating Plants	
1, 2	09/10/2012	09/14/2012	IP 60855	Operation Of An ISFSI	
1, 2	09/10/2012	09/14/2012	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			<b>71124 - AIRBORNE RAD &amp; DOSE ASSESSMENT</b>		1
1	07/23/2012	07/26/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	07/23/2012	07/26/2012	IP 71124.04	Occupational Dose Assessment	
			<b>TI-187 - TI-187 INSP NTTF - FLOODING WALKDOWNS</b>		2
1, 2	07/23/2012	12/31/2012	IP 2515/187	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	
			<b>TI-188 - TI-188 INSP NTTF - SEISMIC WALKDOWNS</b>		2
1, 2	07/23/2012	12/31/2012	IP 2515/188	Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	
			<b>71004 - FAC INSP POWER UPRATE</b>		1
1, 2	08/06/2012	08/10/2012	IP 71004	Power Uprate	
			<b>7111111B - NMP1 ON-SITE RQL INSP W/ P/F RESULTS</b>		2
1	11/12/2012	11/16/2012	IP 7111111B	Licensed Operator Requalification Program	
			<b>71124 - RAD MONT INSTRUMENTATION</b>		1
1, 2	09/24/2012	09/27/2012	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>71124 - RAD EFFLUENT MONITOR TREATMENT PI</b>		1
1, 2	11/26/2012	11/29/2012	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	11/26/2012	11/29/2012	IP 71151-OR01	Occupational Exposure Control Effectiveness	
2	11/26/2012	11/29/2012	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>11/12EXM - NMP1 INITIAL EXAM</b>		4
1	04/15/2013	04/19/2013	U01861	FY13-NMP1 INITIAL OPERATOR LICENSING EXAM	
1	05/13/2013	05/24/2013	U01861	FY13-NMP1 INITIAL OPERATOR LICENSING EXAM	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

## Nine Mile Point

## Inspection / Activity Plan

07/01/2012 - 12/31/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1	02/25/2013	02/28/2013	<b>71124</b> IP 71124.01	<b>- RAD HAZARD ACCESS/ALARA</b> Radiological Hazard Assessment and Exposure Controls	1
1	02/25/2013	02/28/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/01/2013	04/04/2013	<b>71124</b> IP 71124.01	<b>- HP INSPECTION IP 71124.01, .02, .03 &amp;.04</b> Radiological Hazard Assessment and Exposure Controls	1
1	04/01/2013	04/04/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/01/2013	04/04/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/01/2013	04/04/2013	IP 71124.04	Occupational Dose Assessment	
1	04/08/2013	04/12/2013	<b>711108G</b> IP 711108G	<b>- U1 INSERVICE INSPECTION</b> Inservice Inspection Activities - BWR	1
1	05/05/2013	05/10/2013	<b>71124</b> IP 71124.07	<b>- RAD ENVIRONMENTAL MONITORING PROGRAM</b> Radiological Environmental Monitoring Program	1
1,2	06/17/2013	06/21/2013	<b>EP EX</b> IP 7111401	<b>- EP EXERCISE EVALUATION</b> Exercise Evaluation	5
1,2	06/17/2013	06/21/2013	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	08/05/2013	08/09/2013	<b>PI&amp;R</b> IP 71152B	<b>- PI&amp;R</b> Problem Identification and Resolution	4
1,2	08/19/2013	08/23/2013	IP 71152B	Problem Identification and Resolution	
1,2	09/16/2013	09/20/2013	<b>711117</b> IP 711117T	<b>- PERMANENT PLANT MODIFICATIONS</b> Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	3
1,2	09/30/2013	10/04/2013	IP 711117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
2	12/02/2013	12/06/2013	<b>711111B</b> IP 711111B	<b>- NMP2 REQUAL INSPECTION WITH P/F RESULTS</b> Licensed Operator Requalification Program	2
1,2	11/18/2013	11/22/2013	<b>711107T</b> IP 711107T	<b>- TRIENNIAL HEAT SINK</b> Heat Sink Performance	1