



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

March 4, 2013

Mr. Christopher Costanzo
Vice President Nine Mile Point
Nine Mile Point Nuclear Station, LLC
P.O. Box 63
Lycoming, NY 13093

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR NINE MILE POINT NUCLEAR STATION
UNITS 1 & 2 (REPORT 05000220/2012001 AND 05000410/2012001)**

Dear Mr. Costanzo:

On February 15, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of Nine Mile Point Nuclear Station Units 1 & 2 (NMPNS). The NRC reviewed the most recent quarterly performance indicators, 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, NMPNS operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at NMPNS Unit 1 during the most recent quarter was within the Regulatory Response Column of the NRC's Reactor Oversight Process Action Matrix because all inspection findings had very low (i.e., Green) safety significance, and one performance indicator of low to moderate safety significance (White) existed in the Initiating Events cornerstone. Specifically, the "Unplanned Scrams per 7,000 Critical Hours" performance indicator exceeded the Green/White threshold value in the fourth quarter of the assessment period. The NRC determined the performance at NMPNS Unit 2 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process Action Matrix because all inspection findings had very low (i.e., Green) safety significance, and all performance indicators demonstrated that your performance was within the nominal, expected range (i.e., Green).

Consistent with the graded approach in the NRC's ROP, this change in performance from the Licensee Response column to the Regulatory Response column at Unit 1 results in a corresponding increase in the NRC's inspection and assessment oversight. Therefore, in addition to ROP baseline inspections, the NRC plans to schedule and conduct a supplemental inspection in accordance with Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area," after your staff has notified us of your readiness for this inspection. This inspection procedure is conducted to provide assurance that the root causes and contributing causes of risk significant performance issues are understood, the extent of condition and cause were identified, and the corrective actions are sufficient to prevent recurrence.

The NRC evaluates cross-cutting themes to determine whether a substantive cross-cutting issue exists in a particular area and to encourage licensees to take appropriate actions before more significant performance issues emerge. The NRC identified a cross-cutting theme in the Human Performance area. Specifically, the NRC identified four findings with a documented cross-cutting aspect of H.2(c) – Documentation and Procedures. The NRC determined that a substantive cross-cutting issue associated with H.2(c) does not exist because the NRC does not have a concern with your staff's scope of effort and progress in addressing the cross-cutting theme. NMPNS has recognized the cross-cutting theme and has initiated action to develop an improvement plan. The NRC will continue to monitor your staff's effort and progress in addressing this performance theme until the theme criteria are no longer met.

The enclosed inspection plan lists the inspections scheduled through June 30, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. In addition to baseline inspections, the NRC will perform Temporary Instruction (TI) 182, "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks." 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 Title 10 of the *Code of Federal Regulations* (10 CFR) Part 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 Daniel Schroeder at (610) 337-5262 with any questions you have regarding this letter.

Sincerely,

/RA/

Darrell J. Roberts, Director
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

The NRC evaluates cross-cutting themes to determine whether a substantive cross-cutting issue exists in a particular area and to encourage licensees to take appropriate actions before more significant performance issues emerge. The NRC identified a cross-cutting theme in the Human Performance area. Specifically, the NRC identified four findings with a documented cross-cutting aspect of H.2(c) – Documentation and Procedures. The NRC determined that a substantive cross-cutting issue associated with H.2(c) does not exist because the NRC does not have a concern with your staff's scope of effort and progress in addressing the cross-cutting theme. NMPNS has recognized the cross-cutting theme and has initiated action to develop an improvement plan. The NRC will continue to monitor your staff's effort and progress in addressing this performance theme until the theme criteria are no longer met.

The enclosed inspection plan lists the inspections scheduled through June 30, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. In addition to baseline inspections, the NRC will perform Temporary Instruction (TI) 182, "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks." 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 Title 10 of the *Code of Federal Regulations* (10 CFR) Part 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 Daniel Schroeder at (610) 337-5262 with any questions you have regarding this letter.

Sincerely,

/RA/

Darrell J. Roberts, Director
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

DOCUMENT NAME: \\nrc.gov\nrc\R1\Shared\ROP-13 EOC Review\Branch 1\NMP AA Letter 2012.docx
ADAMS ACCESSION NUMBER: **ML13060A329**

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RI/DRP	RI/DRP	RI/DRP	RI/DRP	
NAME	SShafer	KKolaczyk/sws for	DSchroeder	DRoberts	
DATE	02/26/13	02/26/13	02/26/13	03/04/13	

Distribution w/encl: (via E-mail)

W. Dean, RA

D. Lew, DRA

D. Roberts, DRP

M. Layton

C. Miller, DRS

J. Clifford, DRS

D. Schroeder, DRP

S. Shaffer, DRP

R. Barkley, DRP

K. Kolaczyk, DRP, SRI

E. Miller, DRP, RI

M. Rose, DRP, AA

J. Cassidy, RI OEDO

DRS Branch Chiefs (6)

D. Screnci, PAO

N. Sheehan, PAO

N. McNamara, SLO

D. Tift, SLO

RidsNrrPMNineMilePoint Resource

RidsNrrDorLpl1-1 Resource

ROPReports Resource

ROPAssessment Resource

RidsNrrDirslpab Resource

Nine Mile Point

Inspection / Activity Plan

01/01/2013 - 06/30/2014

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1	04/08/2013	04/12/2013	11/12EXM - NMP1 INITIAL EXAM	11/12EXM - NMP1 INITIAL EXAM	4
1	04/08/2013	04/12/2013	U01861	FY13-NMP1 INITIAL OPERATOR LICENSING EXAM	
1	05/13/2013	05/24/2013	U01861	FY13-NMP1 INITIAL OPERATOR LICENSING EXAM	
1	03/18/2013	03/21/2013	71124	- RAD HAZARD ACCESS/ALARA	1
1	03/18/2013	03/21/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	03/18/2013	03/21/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/15/2013	04/19/2013	711108G	- U1 INSERVICE INSPECTION	1
1	04/15/2013	04/19/2013	IP 7111108G	Inservice Inspection Activities - BWR	
1	04/22/2013	04/25/2013	71124	- HP INSPECTION IP 71124.01, .02, .03 &.04	1
1	04/22/2013	04/25/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/22/2013	04/25/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/22/2013	04/25/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/22/2013	04/25/2013	IP 71124.04	Occupational Dose Assessment	
1	05/05/2013	05/10/2013	71124	- RAD ENVIRONMENTAL MONITORING PROGRAM	1
1	05/05/2013	05/10/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1,2	06/17/2013	06/21/2013	EP EX	- EP EXERCISE EVALUATION	6
1,2	06/17/2013	06/21/2013	IP 7111401	Exercise Evaluation	
1,2	08/05/2013	08/09/2013	PI&R	- PI&R	4
1,2	08/05/2013	08/09/2013	IP 71152B	Problem Identification and Resolution	
1,2	08/19/2013	08/23/2013	IP 71152B	Problem Identification and Resolution	
1,2	09/16/2013	09/20/2013	7111117	- PERMANENT PLANT MODIFICATIONS	4
1,2	09/16/2013	09/20/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1,2	09/30/2013	10/04/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
2	11/18/2013	11/22/2013	7111111B	- NMP2 REQUAL INSPECTION WITH P/F RESULTS	2
2	11/18/2013	11/22/2013	IP 7111111B	Licensed Operator Requalification Program	
1,2	09/16/2013	09/20/2013	TI 182	- DEGRAD UNDERGROUND PIPING - PHASE 2	1
1,2	09/16/2013	09/20/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
2	02/03/2014	02/07/2014	11/4 EXM	- NINE MILE POINT 2 INITIAL EXAM	5
2	02/03/2014	02/07/2014	U01875	FY14-NMP2 INITIAL OPERATOR LICENSING EXAM	
2	03/03/2014	03/14/2014	U01875	FY14-NMP2 INITIAL OPERATOR LICENSING EXAM	
1,2	11/18/2013	11/22/2013	7111107T	- TRIENNIAL HEAT SINK	1
1,2	11/18/2013	11/22/2013	IP 7111107T	Heat Sink Performance	

Nine Mile Point

Inspection / Activity Plan

01/01/2013 - 06/30/2014

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			71124	- 71124.01, 06 & 07 & HP PI VERIFICATION	1
1, 2	11/18/2013	11/18/2013	IP 71151	Performance Indicator Verification	
1, 2	11/18/2013	11/21/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	11/18/2013	11/21/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	11/18/2013	11/21/2013	IP 71124.07	Radiological Environmental Monitoring Program	
			71124	- RAD HAZARD & ALARA	1
2	03/17/2014	03/21/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	03/17/2014	03/21/2014	IP 71124.02	Occupational ALARA Planning and Controls	
			EP PROG	- EP PROGRAM INSPECTION	1
1, 2	03/17/2014	03/21/2014	IP 7111402	Alert and Notification System Testing	
1, 2	03/17/2014	03/21/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	03/17/2014	03/21/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			711108G	- U2 INSERVICE INSPECTION	1
2	03/31/2014	04/04/2014	IP 7111108G	Inservice Inspection Activities - BWR	
			71124	- HP INSPECTION IP 71124.01, 02, 03 & 04	1
2	04/07/2014	04/11/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	04/07/2014	04/11/2014	IP 71124.02	Occupational ALARA Planning and Controls	
2	04/07/2014	04/11/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	04/07/2014	04/11/2014	IP 71124.04	Occupational Dose Assessment	
			71124.08	- RADWASTE	1
1, 2	06/23/2014	06/27/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	