



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

September 3, 2013

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

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - NINE MILE POINT NUCLEAR STATION UNITS 1 & 2 (REPORT 05000220/2013006 AND 05000410/2013006)

Dear Mr. Costanzo:

On August 13, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed its mid-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 July 1, 2012, through June 30, 2013. 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 (ROP) Action Matrix because all inspection findings had very low safety significance (Green), 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 from the fourth quarter of 2012 through the end 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 ROP Action Matrix because all inspection findings had very low safety significance (Green), and all performance indicators demonstrated that your performance was within the nominal, expected range (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 has scheduled and plans to conduct a supplemental inspection in accordance with Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area." On July 1, 2013, Mr. Mike Philippon of your staff informed the NRC of your readiness for this inspection, which will be conducted in November 2013. 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 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 nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. In addition to baseline inspections, the NRC will perform Inspection Procedure 60855.1, "Operation of an ISFSI at Operating Plants," and Temporary Instruction 2515/182, "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks- Phase II." 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* Section 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 Documents 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 and 50-410
License Nos: DPR-63 and NFP-69

Enclosure: NMPNS Inspection/Activity Plan

cc w/encl: Distribution via ListServ

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<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 <i>klm</i>	RI/DRP	RI/DRP	RI/DRP	RI/DRP	
NAME	KKolaczyk/KSK per telecon	ARosebrook/AAR	DSchroeder/DLS	DRoberts/DJR	
DATE	08/26/13	08/26/13	08/27/13	09/03/13	

Nine Mile Point
Inspection / Activity Plan
07/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			PI&R - PI&R		7
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	
			TI 182 - DEGRAD UNDERGROUND PIPING - PHASE 2		1
1, 2	09/09/2013	09/13/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			7111117 - PERMANENT PLANT MODIFICATIONS		4
1, 2	09/16/2013	09/20/2013	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1, 2	09/30/2013	10/04/2013	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			7111111B - NMP2 REQUAL INSPECTION WITH P/F RESULTS		2
2	11/18/2013	11/22/2013	IP 7111111B	Licensed Operator Requalification Program	
			95001 - U1 - 95001 SUPPLEMENTAL WHITE SCRAMS PI		1
1	10/21/2013	10/25/2013	IP 95001	Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area	
			3/3 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	
			7111107T - TRIENNIAL HEAT SINK		1
1, 2	11/18/2013	11/22/2013	IP 7111107T	Heat Sink Performance	
			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	
			7111108G - 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	

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
07/01/2013 - 12/31/2014

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	Start	End			
			71124 - HP INSPECTION IP 71124.01, 02, 03 & 04		1
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	
			71124.05 - HP INSPECTION RAD INSTRUMENTATION		1
1	06/09/2014	06/13/2014	IP 71124.05	Radiation Monitoring Instrumentation	
			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	
			ISFSI - ISFSI ROUTINE INSPECTION		2
1,2	07/14/2014	07/18/2014	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			711111B - NMP1 REQUAL INSP WITH P/F RESULTS		2
1	10/13/2014	10/17/2014	IP 711111B	Licensed Operator Requalification Program	
			CDBI - CDBI		7
1,2	09/08/2014	09/12/2014	IP 7111121	Component Design Bases Inspection	
1,2	09/22/2014	09/26/2014	IP 7111121	Component Design Bases Inspection	
1,2	10/06/2014	10/10/2014	IP 7111121	Component Design Bases Inspection	

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