



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

March 4, 2013

Mr. Michael J. Pacilio  
Senior Vice President, Exelon Generation Company, LLC  
President and Chief Nuclear Officer, Exelon Nuclear  
4300 Winfield Rd.  
Warrenville, IL 60555

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR THREE MILE ISLAND NUCLEAR  
STATION, UNIT 1 (REPORT 05000289/2012001)**

Dear Mr. Pacilio:

On February 13, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of Three Mile Island Nuclear Station, Unit 1. 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, Three Mile Island Unit 1 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Three Mile Island Unit 1 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). Therefore, the NRC plans to conduct Reactor Oversight Process baseline inspections at your facility.

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 Inspection Procedure (IP) 71003, "Post-Approval Site Inspection for License Renewal," and 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 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)337-5046 with any questions you have regarding this letter.

Sincerely,

**/RA/**

Gordon K. Hunegs, Chief  
Projects Branch 6  
Division of Reactor Projects

Docket Nos.: 50-289  
License Nos.: DPR-50

Enclosure: Three Mile Island Inspection/Activity Plan

cc w/encl: Distribution via ListServ

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**Three Mile Island**  
**Inspection / Activity Plan**  
**01/01/2013 - 06/30/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>711111B - TMI REQUAL INSPECTION WITH P/F RESULTS</b>		<b>2</b>
1	03/11/2013	03/15/2013	IP 711111B	Licensed Operator Requalification Program	
			<b>HP - EXPOSURE CONTROLS AND ALARA INSPECTION</b>		<b>1</b>
1	01/14/2013	01/18/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	01/14/2013	01/18/2013	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>EP EX - EP EXERCISE EVALUATION</b>		<b>7</b>
1	04/15/2013	04/19/2013	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
			<b>HP - RADIOACTIVITY &amp; OC DOSE ASSESSMENT</b>		<b>1</b>
1	04/15/2013	04/19/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/15/2013	04/19/2013	IP 71124.04	Occupational Dose Assessment	
			<b>71124.08 - RADWASTE</b>		<b>1</b>
1	06/03/2013	06/07/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>HP - RAD. ENV MONITORING PROGRAM</b>		<b>1</b>
1	06/10/2013	06/14/2013	IP 71124.07	Radiological Environmental Monitoring Program	
			<b>7111117 - PERMANENT PLANT MODIFICATIONS</b>		<b>3</b>
1	06/24/2013	06/28/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1	07/08/2013	07/12/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
			<b>7111107T - TRIENNIAL HEAT SINK</b>		<b>1</b>
1	08/12/2013	08/16/2013	IP 7111107T	Heat Sink Performance	
			<b>71124 - RAD SAFETY INSPECTIONS</b>		<b>1</b>
1	09/09/2013	09/13/2013	IP 71124.05	Radiation Monitoring Instrumentation	
1	09/09/2013	09/13/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			<b>TI-182 - DEGRAD UNDERGROUND PIPING - PHASE 2</b>		<b>1</b>
1	10/07/2013	10/11/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			<b>HP - HP OUTAGE INSP</b>		<b>1</b>
1	11/04/2013	11/08/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/04/2013	11/08/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1	11/04/2013	11/08/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/04/2013	11/08/2013	IP 71124.04	Occupational Dose Assessment	
1	11/04/2013	11/08/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
			<b>71003 - LR COMMITMENTS PHASE 1-OUTAGE INSP</b>		<b>2</b>
1	11/04/2013	11/08/2013	IP 71003	Post-Approval Site Inspection for License Renewal	

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

**Three Mile Island**  
**Inspection / Activity Plan**  
**01/01/2013 - 06/30/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>711108P - INSERVICE INSPECTION</b>		<b>1</b>
1	11/04/2013	11/15/2013	IP 711108P	Inservice Inspection Activities - PWR	
			<b>HP - EXPOSURE CONTROLS AND ALARA INSPECTION</b>		<b>1</b>
1	01/06/2014	01/10/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	01/06/2014	01/10/2014	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>TRI FI - TRIENNIAL FIRE PROTECTION</b>		<b>4</b>
1	01/27/2014	01/31/2014	IP 7111105T	Fire Protection [Triennial]	
1	02/10/2014	02/14/2014	IP 7111105T	Fire Protection [Triennial]	
			<b>EP PROG - EP PROGRAM INSPECTION</b>		<b>1</b>
1	02/03/2014	02/07/2014	IP 7111402	Alert and Notification System Testing	
1	02/03/2014	02/07/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	02/03/2014	02/07/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			<b>71003 - LR COMMITMENT INSP PHASE 2</b>		<b>4</b>
1	02/17/2014	02/21/2014	IP 71003	Post-Approval Site Inspection for License Renewal	
1	03/03/2014	03/07/2014	IP 71003	Post-Approval Site Inspection for License Renewal	
			<b>HP - RADIOACTIVITY &amp; OC DOSE ASSESSMENT</b>		<b>1</b>
1	03/24/2014	03/28/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	03/24/2014	03/28/2014	IP 71124.04	Occupational Dose Assessment	
			<b>71152B - PI&amp;R BIENNIAL</b>		<b>1</b>
1	05/05/2014	05/10/2014	IP 71152B	Problem Identification and Resolution	
1	05/19/2014	05/24/2014	IP 71152B	Problem Identification and Resolution	
			<b>71124 - RAD SAFETY INSPECTIONS</b>		<b>1</b>
1	06/23/2014	06/27/2014	IP 71124.05	Radiation Monitoring Instrumentation	

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