



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

September 4, 2012

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: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN –  
THREE MILE ISLAND NUCLEAR STATION, UNIT 1  
(REPORT 05000289/2012006)**

Dear Mr. Pacilio:

On August 16, 2012, the U. S. Nuclear Regulatory Commission (NRC) completed its mid-cycle performance review of Three Mile Island Nuclear Station, Unit 1. 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 Three Mile Island Unit 1 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, the post-approval site inspection for license renewal will be performed. 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 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 Unit 1 Inspection/Activity Plan

cc w/encl: Distribution via ListServ

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**Three Mile Island**  
**Inspection / Activity Plan**  
**07/01/2012 - 12/31/2013**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>HP - RAD GAS &amp; LIQ TREATMENT &amp; ENV MONITORING</b>		<b>1</b>
1	12/10/2012	12/14/2012	IP 2515/185	Follow-up on the Industry's Ground Water Protection Initiative	
1	12/10/2012	12/14/2012	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	12/10/2012	12/14/2012	IP 71124.07	Radiological Environmental Monitoring Program	
1	12/10/2012	12/14/2012	IP 71151-OR01	Occupational Exposure Control Effectiveness	
			<b>7111111B - TMI REQUAL INSPECTION WITH P/F RESULTS</b>		<b>2</b>
1	03/11/2013	03/15/2013	IP 7111111B	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>5</b>
1	04/15/2013	04/19/2013	IP 7111401	Exercise Evaluation	
1	04/15/2013	04/19/2013	IP 7111404	Emergency Action Level and Emergency Plan Changes	
			<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 - RADIOACTIVITY &amp; OC DOSE ASSESSMENT</b>		<b>1</b>
1	06/10/2013	06/14/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	06/10/2013	06/14/2013	IP 71124.04	Occupational Dose Assessment	
			<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	08/08/2013	08/12/2013	IP 7111107T	Heat Sink Performance	
			<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>71003 - LR COMMITMENTS PHASE 1-OUTAGE INSP</b>		<b>2</b>
1	10/28/2013	11/01/2013	IP 71003	Post-Approval Site Inspection for License Renewal	
			<b>7111108P - INSERVICE INSPECTION</b>		<b>1</b>
1	10/28/2013	11/08/2013	IP 7111108P	Inservice Inspection Activities - PWR	

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

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