



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I**
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

March 5, 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: ANNUAL ASSESSMENT LETTER FOR THREE MILE ISLAND NUCLEAR
GENERATING STATION UNIT 1 (REPORT 05000289/2011001)**

Dear Mr. Pacilio:

On February 15, 2012, the U. S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of Three Mile Island Nuclear Generating Station Unit 1. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2011 through December 31, 2011. 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 performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

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 (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 June 30, 2013. 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. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. 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." From January 1 to December 31, 2011, the NRC issued one severity level IV (SLIV) traditional enforcement violation associated with willfulness. Therefore, the NRC plans to conduct IP 92702, "Followup on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders" to follow-up on this violation. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

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 document 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
Reactor Projects Branch 6
Division of Reactor Projects

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

Enclosure: Three Mile Island Inspection/Activity Plan

cc: Distribution via ListServ

M. Pacilio

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Three Mile Island
 Inspection / Activity Plan
 01/01/2012 - 06/30/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			4/16EXAM - TMI INITIAL OL EXAM		3
1	03/19/2012	03/23/2012	U01847	FY12-TMI INITIAL OPERATOR LICENSING EXAM	
1	04/16/2012	04/20/2012	U01847	FY12-TMI INITIAL OPERATOR LICENSING EXAM	
			HP - EXPOSURE CONTROLS AND ALARA INSPECTION		1
1	01/09/2012	01/13/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	01/09/2012	01/13/2012	IP 71124.02	Occupational ALARA Planning and Controls	
			TI 182 - DEGRADATION OF UNDERGROUND PIPINNG		1
1	02/13/2012	02/17/2012	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			7111121 - CDBI		7
1	02/27/2012	03/02/2012	IP 7111121	Component Design Bases Inspection	
1	03/12/2012	03/16/2012	IP 7111121	Component Design Bases Inspection	
1	03/26/2012	03/30/2012	IP 7111121	Component Design Bases Inspection	
			EP PROGR - EP PROGRAM INSPECTION		1
1	03/12/2012	03/16/2012	IP 7111402	Alert and Notification System Testing	
1	03/12/2012	03/16/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	03/12/2012	03/16/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	03/12/2012	03/16/2012	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			2561 - SAFSTOR INSPECTION		1
2	03/01/2012	05/31/2012	IP 36801	Organization, Management, And Cost Controls At Permanently Shutdown Reactors	
2	03/01/2012	05/31/2012	IP 37801	Safety Reviews, Design Changes, And Modifications At Permanently Shutdown Reactors	
2	03/01/2012	05/31/2012	IP 40801	Self-Assessment, Auditing, And Corrective Action At Permanently Shutdown Reactors	
2	03/01/2012	05/31/2012	IP 71801	Decommissioning Performance And Status Review At Permanently Suhutdown Reactors	
2	03/01/2012	05/31/2012	IP 83750	Occupational Radiation Exposure	
2	03/01/2012	05/31/2012	IP 84750	Radioactive Waste Treatment, And Effluent And Environmental Monitoring	
2	03/01/2012	05/31/2012	IP 86750	Solid Radioactive Waste Management And Transportation Of Radioactive Materials	
			7111108P - UNRESOLVED ITEM BORIC ACID FOLLOWUP		1
1	03/19/2012	03/23/2012	IP 7111108P	Inservice Inspection Activities - PWR	
			HP - RADIOACTIVITY & OC DOSE ASSESSMENT		1
1	04/09/2012	04/13/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/09/2012	04/13/2012	IP 71124.04	Occupational Dose Assessment	
			71152B - PI&R		7
1	05/07/2012	05/11/2012	IP 71152B	Problem Identification and Resolution	
1	05/21/2012	05/25/2012	IP 71152B	Problem Identification and Resolution	

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
 01/01/2012 - 06/30/2013

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			HP - RADIOACTIVITY & OC DOSE ASSESSMENT		1
1	06/18/2012	06/22/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	06/18/2012	06/22/2012	IP 71124.04	Occupational Dose Assessment	
			HP - RAD GAS & LIQ TREATMENT & ENV MONITORING		1
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	
			7111111B - TMI REQUAL INSPECTION WITH P/F RESULTS		2
1	03/11/2013	03/15/2013	IP 7111111B	Licensed Operator Requalification Program	
			HP - EXPOSURE CONTROLS AND ALARA INSPECTION		1
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	
			EP EX - EP EXERCISE EVALUATION		5
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	
			HP - RADIOACTIVITY & OC DOSE ASSESSMENT		1
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	
			71124.08 - RADWASTE		1
1	06/03/2013	06/07/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			HP - RADIOACTIVITY & OC DOSE ASSESSMENT		1
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	
			7111117 - PERMANENT PLANT MODIFICATIONS		3
1	06/24/2013	06/28/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	

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