



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

September 1, 2010

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

Dear Mr. Pacilio:

On August 11, 2010, the NRC staff completed its performance review of the Three Mile Island Nuclear Generating Station (Three Mile Island) for the first half of calendar year 2010 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only – Security Information" will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter of 2010 at Three Mile Island was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through December 31, 2011. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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).

M. Pacilio

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As you may know, the NRC is currently evaluating the scope and frequency of all the baseline inspection procedures. If the results of the evaluation, or any other circumstances, cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 610-337-5200 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

A handwritten signature in black ink that reads "Ronald R. Bellamy". The signature is written in a cursive style with a large, prominent "R" at the beginning.

Ronald R. Bellamy, Ph.D., 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 w/encl: Distribution via ListServ

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Sincerely,
/RA/

Ronald R. Bellamy, Ph.D., Chief
Reactor Projects Branch 6
Division of Reactor Projects

Docket Nos.: 50-289
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cc w/encls: Distribution via ListServ

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SUNSI Review Complete: RRB (Reviewer's Initials)

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DATE	08/ 23 /10	08/ 23 /10	08/27/10

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Three Mile Island
Inspection / Activity Plan
 07/01/2010 - 12/31/2011

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		71152B - PI&R		4
1	07/12/2010 07/16/2010	IP 71152B	Identification and Resolution of Problems	
1	07/26/2010 07/30/2010	IP 71152B	Identification and Resolution of Problems	
		7111107T - TRIENNIAL HEAT SINK		1
1	08/23/2010 08/27/2010	IP 7111107T	Heat Sink Performance	
		HP-71124 - ACCESS/ALARA/RETSI		1
1	09/27/2010 10/01/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/27/2010 10/01/2010	IP 71124.02	Occupational ALARA Planning and Controls	
1	09/27/2010 10/01/2010	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
		HP-71124 - ACCESS/ALARA/AIR/DOSE/INSTRUMENTS/PI		1
1	11/15/2010 11/19/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/15/2010 11/19/2010	IP 71124.02	Occupational ALARA Planning and Controls	
1	11/15/2010 11/19/2010	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/15/2010 11/19/2010	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/15/2010 11/19/2010	IP 71124.04	Occupational Dose Assessment	
1	11/15/2010 11/19/2010	IP 71124.05	Radiation Monitoring Instrumentation	
1	11/15/2010 11/19/2010	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	11/15/2010 11/19/2010	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		711111B - TMI REQUAL INSP W/ P/F RESULTS		3
1	03/14/2011 03/18/2011	IP 7111111B	Licensed Operator Requalification Program	
		TRI FIRE - TRIENNIAL FIRE PROTECTION INSPECTION		4
1	01/24/2011 01/28/2011	IP 7111105T	Fire Protection [Triennial]	
1	02/07/2011 02/11/2011	IP 7111105T	Fire Protection [Triennial]	
		EP EX - EP EXERCISE EVALUATION		4
1	04/11/2011 04/15/2011	IP 7111401	Exercise Evaluation	
1	04/11/2011 04/15/2011	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	04/11/2011 04/15/2011	IP 71151-EP01	Drill/Exercise Performance	
1	04/11/2011 04/15/2011	IP 71151-EP02	ERO Drill Participation	
1	04/11/2011 04/15/2011	IP 71151-EP03	Alert & Notification System	
		09/12EXM - OPERATOR LICENSING INITIAL EXAMS		5
1	08/15/2011 08/19/2011	U01829	FY11- THREE MILE ISLAND, INITIAL OL EXAM	
1	09/12/2011 09/23/2011	U01829	FY11- THREE MILE ISLAND, INITIAL OL EXAM	
		HP-71124 - RAD WASTE		1
1	05/09/2011 05/13/2011	IP 2515/179	Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in NSTS	
1	05/09/2011 05/13/2011	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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
 07/01/2010 - 12/31/2011

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			HP-71124 - INSTRUMENTS/REMP		1
1	05/23/2011	05/27/2011	IP 71124.05	Radiation Monitoring Instrumentation	
1	05/23/2011	05/27/2011	IP 71124.07	Radiological Environmental Monitoring Program	
			HP-71124 - ACCESS/ALARA/AIR/DOSE/INSTRUMENTS		1
1	08/08/2011	08/12/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	08/08/2011	08/12/2011	IP 71124.02	Occupational ALARA Planning and Controls	
1	08/08/2011	08/12/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	08/08/2011	08/12/2011	IP 71124.04	Occupational Dose Assessment	
1	08/08/2011	08/12/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			HP-71124 - ACCESS/ALARA/AIR/DOSE/INSTRUMENTS		1
1	10/17/2011	10/21/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	10/17/2011	10/21/2011	IP 71124.02	Occupational ALARA Planning and Controls	
1	10/17/2011	10/21/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/17/2011	10/21/2011	IP 71124.04	Occupational Dose Assessment	
1	10/17/2011	10/21/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			7111108P - INSERVICE INSPECTION		1
1	10/31/2011	11/11/2011	IP 7111108P	Inservice Inspection Activities - PWR	
			HP-71124 - ACCESS/ALARA/AIR/INSTRUMENTS/PI		1
1	12/05/2011	12/09/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	12/05/2011	12/09/2011	IP 71124.02	Occupational ALARA Planning and Controls	
1	12/05/2011	12/09/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	12/05/2011	12/09/2011	IP 71124.05	Radiation Monitoring Instrumentation	
1	12/05/2011	12/09/2011	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	12/05/2011	12/09/2011	IP 71151-PR01	RETS/ODCM Radiological Effluent	

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