



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION I  
2100 RENAISSANCE BLVD., SUITE 100  
KING OF PRUSSIA, PA 19406-2713

March 4, 2014

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 OYSTER CREEK NUCLEAR  
GENERATING STATION (REPORT 05000219/2013001)**

Dear Mr. Pacilio:

On February 12, 2014, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of Oyster Creek Nuclear Generating Station. The NRC reviewed the most recent quarterly performance indicators in addition to inspection results and enforcement actions from January 1, 2013, through December 31, 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, Oyster Creek Nuclear Generating Station operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined that the performance at Oyster Creek Nuclear Generating Station 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.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year (CY) 2014 will reflect this revision to Inspection Manual Chapter (IMC) 0310. The CY 2013 end-of-cycle assessments were conducted using the IMC 0310 guidance in effect in CY 2013 (dated October 28, 2011). Cross-cutting aspects identified in 2013 using the 2013 terminology will be converted to the latest revision in accordance with the cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. 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) 60855.1, "Operation of an ISFSI at Operating Plant." 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* (10 CFR), Part 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 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)337-5234 with any questions you have regarding this letter.

Sincerely,

**/RA/**

Kevin A. Mangan, Acting Chief  
Projects Branch 6  
Division of Reactor Projects

Docket Nos.: 50-219  
License Nos.: DPR-16

Enclosure: Inspection Plan

cc w/encl: Distribution via ListServ

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NAME <i>mmt</i>	LCline/ LC	KMangan/ KAM			
DATE	02/27/14	03/03/14			

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**Oyster Creek**  
**Inspection / Activity Plan**  
**01/01/2014 - 06/30/2015**

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		<b>5/19EXAM - OYSTER CREEK INITIAL EXAM</b>		<b>3</b>
1	04/21/2014 04/25/2014	U01893	FY14-OYSTER CREEK INITIAL OPERATOR LICENSING EXAM	
1	05/19/2014 05/23/2014	U01893	FY14-OYSTER CREEK INITIAL OPERATOR LICENSING EXAM	
		<b>71124.08 - RADWASTE</b>		<b>1</b>
1	02/03/2014 02/07/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
		<b>TRI FI - TRIENNIAL FIRE PROTECTION</b>		<b>5</b>
1	03/24/2014 03/28/2014	IP 7111105T	Fire Protection [Triennial]	
1	04/07/2014 04/11/2014	IP 7111105T	Fire Protection [Triennial]	
		<b>EP EX - EP EXERCISE INSPECTION</b>		<b>3</b>
1	03/17/2014 03/21/2014	IP 7111401	Exercise Evaluation	
		<b>ISFSI - ISFSI OPERATION INSPECTION</b>		<b>2</b>
1	04/07/2014 04/11/2014	IP 60855	Operation Of An ISFSI	
1	04/07/2014 04/11/2014	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		<b>71124 - HP INSPECTION RAD HAZARD ALARA PRE R25</b>		<b>1</b>
1	08/11/2014 08/14/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	08/11/2014 08/14/2014	IP 71124.02	Occupational ALARA Planning and Controls	
		<b>7111108G - INSERVICE INSPECTION</b>		<b>1</b>
1	09/22/2014 09/26/2014	IP 7111108G	Inservice Inspection Activities - BWR	
		<b>71124 - HP INSPECTION IP 71124.01 .02 .03 04 R25</b>		<b>1</b>
1	09/22/2014 09/26/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/22/2014 09/26/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1	09/22/2014 09/26/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/22/2014 09/26/2014	IP 71124.04	Occupational Dose Assessment	
		<b>EP PROG - EP PROGRAM INSPECTION</b>		<b>1</b>
1	09/22/2014 09/26/2014	IP 7111402	Alert and Notification System Testing	
1	09/22/2014 09/26/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	09/22/2014 09/26/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
		<b>71152B - PI&amp;R BIENNIAL</b>		<b>4</b>
1	11/03/2014 11/07/2014	IP 71152B	Problem Identification and Resolution	
1	11/17/2014 11/21/2014	IP 71152B	Problem Identification and Resolution	
		<b>71124 - 71124.05 RAD MONITORING INSTRUMENTATION</b>		<b>1</b>
1	10/20/2014 10/24/2014	IP 71124.05	Radiation Monitoring Instrumentation	

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

**Oyster Creek**  
**Inspection / Activity Plan**  
**01/01/2014 - 06/30/2015**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End				
<b>71151 - 71151 PI VERIFY 71124.01.02.03.04 CLEANU</b>					
					<b>1</b>
1	11/17/2014	11/21/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/17/2014	11/21/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1	11/17/2014	11/21/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/17/2014	11/21/2014	IP 71124.04	Occupational Dose Assessment	
1	11/17/2014	11/21/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	11/17/2014	11/21/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
<b>71124 - HP INSPECTION 71124.01 .02 POST R25</b>					
					<b>1</b>
1	01/26/2015	01/30/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	01/26/2015	01/30/2015	IP 71124.02	Occupational ALARA Planning and Controls	
<b>7111107T - TRIENNIAL HEAT SINK</b>					
					<b>1</b>
1	03/09/2015	03/13/2015	IP 7111107T	Heat Sink Performance	
<b>MODS - PERMANENT PLANT MODIFICATIONS</b>					
					<b>3</b>
1	04/06/2015	04/10/2015	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1	04/20/2015	04/24/2015	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
<b>71124 - RADIOACTIVE EFFLUENT CONTROL RETS</b>					
					<b>1</b>
1	05/25/2015	05/28/2015	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
<b>7111111B - OC REQUAL INSP W/P/F RESULTS</b>					
					<b>2</b>
1	06/08/2015	06/12/2015	IP 7111111B	Licensed Operator Requalification Program	