



**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 OYSTER CREEK NUCLEAR  
GENERATING STATION (REPORT 05000219/2012001)**

Dear Mr. Pacilio:

On February 13, 2013, 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, 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, Oyster Creek operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Oyster Creek 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 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.: 50-219  
License Nos.: DPR-16

Enclosure: Oyster Creek Inspection/Activity Plan

cc w/encl: Distribution via ListServ

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**Oyster Creek**  
**Inspection / Activity Plan**  
**01/01/2013 - 06/30/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>71124 - 71124.06 RAD EFFLUENT MONT TREATMENT</b>		<b>1</b>
1	01/28/2013	02/01/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			<b>7111111B - OYSTER CREEK REQL INSP WITH P/F RESULTS</b>		<b>2</b>
1	05/27/2013	05/31/2013	IP 7111111B	Licensed Operator Requalification Program	
			<b>71124 - OC IP 71124.07 REMP</b>		<b>1</b>
1	06/10/2013	06/14/2013	IP 71124.07	Radiological Environmental Monitoring Program	
			<b>71124 - IP 71124.01 RAD HAZARD</b>		<b>1</b>
1	07/08/2013	07/12/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			<b>7111121 - CDBI</b>		<b>6</b>
1	09/09/2013	09/13/2013	IP 7111121	Component Design Bases Inspection	
1	09/23/2013	09/27/2013	IP 7111121	Component Design Bases Inspection	
1	10/07/2013	10/11/2013	IP 7111121	Component Design Bases Inspection	
			<b>EP EX - EP EXERCISE EVALUATION</b>		<b>6</b>
1	10/07/2013	10/11/2013	IP 7111401	Exercise Evaluation	
			<b>TI-182 - DEGRAD UNDERGROUND PIPING - PHASE 2</b>		<b>1</b>
1	10/28/2013	11/01/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			<b>71124 - IP 71124.01 RAD HAZ &amp; HP PI VERIFICATION</b>		<b>1</b>
1	11/04/2013	11/04/2013	IP 71151	Performance Indicator Verification	
1	11/04/2013	11/07/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			<b>EX5/19 - OC 2014 EXAM</b>		<b>4</b>
1	04/21/2014	04/25/2014	U01848	FY12-OYSTER CREEK INITIAL OPERATOR LICENSING EXAM	
1	05/19/2014	05/23/2014	U01848	FY12-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>4</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>71124 - RAD HAZARD &amp; ALARA</b>		<b>1</b>
1	06/02/2014	06/06/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	06/02/2014	06/06/2014	IP 71124.02	Occupational ALARA Planning and Controls	