



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

March 4, 2009

Mr. Charles G. Pardee
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer, Exelon Nuclear
4300 Winfield Rd.
Warrenville, IL 60555

**SUBJECT: ANNUAL ASSESSMENT LETTER – OYSTER CREEK GENERATING STATION
(REPORT 05000219/2009001)**

Dear Mr. Pardee:

On February 9, 2009, the NRC staff completed its performance review of the Oyster Creek Generating Station. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period January 1 through December 31, 2008. 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.

Overall, Oyster Creek operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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 June 30, 2010. In addition to the baseline inspections, an independent spent fuel storage installation and license renewal inspections will also be performed. 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 mid-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).

If circumstances arise which cause us to change this 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,

/RA/

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

Docket No. 50-219
License No. DPR-16

Enclosure: Oyster Creek Inspection/Activity Plan

cc w/encl:

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M. Pacilio, Chief Operating Officer, Exelon Nuclear
T. Rausch, Site Vice President, Oyster Creek Nuclear Generating Station
J. Randich, Plant Manager, Oyster Creek Generating Station
J. Kandasamy, Regulatory Assurance Manager, Oyster Creek
R. DeGregorio, Senior Vice President, Mid-Atlantic Operations
K. Jury, Vice President, Licensing and Regulatory Affairs
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E. Gbur, Chairwoman - Jersey Shore Nuclear Watch
E. Zobian, Coordinator - Jersey Shore Anti Nuclear Alliance
P. Baldauf, Assistant Director, NJ Radiation Protection Programs
Institute of Nuclear Power Operations (INPO)

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

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DATE	02/18/09		02/18 /09		03/03 /09	

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Oyster Creek
Inspection / Activity Plan
01/01/2009 - 06/30/2010

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			5/04 EXM - INITIAL OPERATOR LICENSING EXAMS		5
1	05/11/2009	05/15/2009	U01761	FY-09 OYSTER CREEK INITIAL OPERATOR LICENSING EXAM	
1	06/15/2009	06/19/2009	U01761	FY-09 OYSTER CREEK INITIAL OPERATOR LICENSING EXAM	
1	06/22/2009	06/26/2009	U01761	FY-09 OYSTER CREEK INITIAL OPERATOR LICENSING EXAM	
			71003 - LR COMMITMENTS INSP - NON-OUTAGE		7
1	03/09/2009	03/13/2009	IP 71003	Post-Approval Site Inspection for License Renewal	
1	03/16/2009	03/20/2009	IP 71003	Post-Approval Site Inspection for License Renewal	
1	03/23/2009	03/27/2009	IP 71003	Post-Approval Site Inspection for License Renewal	
			71121 - OCC RAD		1
1	03/23/2009	03/27/2009	IP 7112101	Access Control to Radiologically Significant Areas	
1	03/23/2009	03/27/2009	IP 7112102	ALARA Planning and Controls	
1	03/23/2009	03/27/2009	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment	
			7111111B - BIENNIAL REQUAL INSPECT WITH P/F RESULTS		3
1	05/31/2009	06/04/2009	IP 7111111B	Licensed Operator Requalification Program	
			MODS - PERMANENT PLANT MODIFICATIONS		4
1	04/27/2009	05/01/2009	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1	05/11/2009	05/15/2009	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
			7111107T - HEAT SINK INSP		1
1	06/15/2009	06/19/2009	IP 7111107T	Heat Sink Performance	
			71122 - REMP		1
1	08/17/2009	08/21/2009	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program	
			TI-173 - GROUND WATER TI		1
1	08/17/2009	08/21/2009	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
			EP EXER - EP EXERCISE INSPECTION		2
1	10/04/2009	10/10/2009	IP 7111401	Exercise Evaluation	
1	10/04/2009	10/10/2009	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	10/04/2009	10/10/2009	IP 71151-EP01	Drill/Exercise Performance	
1	10/04/2009	10/10/2009	IP 71151-EP02	ERO Drill Participation	
1	10/04/2009	10/10/2009	IP 71151-EP03	Alert & Notification System	
			71121 - OCC RAD SAFETY		1
1	10/05/2009	10/09/2009	IP 60855	Operation Of An ISFSI	
1	10/05/2009	10/09/2009	IP 7112101	Access Control to Radiologically Significant Areas	
1	10/05/2009	10/09/2009	IP 71151	Performance Indicator Verification	
			7112201 - PUB RAD SAFETY		1
1	10/05/2009	10/09/2009	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems	

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

Oyster Creek
Inspection / Activity Plan
01/01/2009 - 06/30/2010

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
5/17EXAM - OPERATOR LICENSING INITIAL EXAMS					4
1	04/19/2010	04/23/2010	U01771	FY10 - OYSTER CREEK INITIAL OPERATOR LICENSING EXAM	
1	05/17/2010	05/28/2010	U01771	FY10 - OYSTER CREEK INITIAL OPERATOR LICENSING EXAM	
7111121 - COMPONENT DESIGN BASES INSPECTION					6
1	03/01/2010	03/05/2010	IP 7111121	Component Design Bases Inspection	
1	03/15/2010	03/26/2010	IP 7111121	Component Design Bases Inspection	
71121 - OCC RAD SAFETY					1
1	04/12/2010	04/16/2010	IP 7112101	Access Control to Radiologically Significant Areas	
1	04/12/2010	04/16/2010	IP 7112102-7112102R	ALARA - Required	
1	04/12/2010	04/16/2010	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment	
1	04/12/2010	04/16/2010	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program	
ISFSI - OPERATION OF AN ISFSI					2
1	05/10/2010	05/14/2010	IP 60855	Operation Of An ISFSI	
71152B - PI&R					4
1	06/14/2010	06/18/2010	IP 71152B	Identification and Resolution of Problems	
1	06/28/2010	07/02/2010	IP 71152B	Identification and Resolution of Problems	

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