



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

March 4, 2015

Mr. Bryan C. Hanson
Senior VP, Exelon Generation Company, LLC
President and CNO, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: ANNUAL ASSESSMENT LETTER FOR LASALLE COUNTY STATION
UNITS 1 AND 2 (REPORT 05000373/2014001; 05000374/2014001)

Dear Mr. Hanson:

On February 12, 2015, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of LaSalle County Station (LaSalle), Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2014, through December 31, 2014. 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, LaSalle Unit 1 and Unit 2 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at both LaSalle Units 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 were within the nominal, expected range (i.e., green). A White Finding was issued in the third quarter, 2013, NRC integrated inspection report (ADAMS Accession Number ML13319B253) for a Unit 2 unplanned scram with complications caused by the failure to adhere to the condenser waterbox dewatering procedure when operators manually adjusted circulating water (CW) isolation valves with the waterbox manways still open. This led to a flood of the condenser pit, auto trip of running CW pumps, and manual scram with loss of normal heat sink. The supplemental 95001 inspection was completed March 21, 2014, (ADAMS Accession Number ML14122A124) with no issues identified. That inspection report and follow-up assessment letter, dated May 2, 2014, determined that Unit 2 would return to the Licensee Response Column, Column 1, from the Regulatory Response Column, Column 2, at the start of third quarter of 2014. Therefore, the NRC plans to conduct ROP baseline inspections at your facility in 2015.

The enclosed inspection plan lists the inspections scheduled through June 30, 2016. Routine inspections performed by resident inspectors are not included in the inspection plan. Notable infrequent inspections planned include a triennial Modification 50.59 inspection, a License Renewal inspection, and a biennial Problem Identification and Resolution inspection. 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. 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.

The NRC on-site audit of licensee efforts towards compliance with Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," was completed in January 2015.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records System (PARS) component of the NRC's Agencywide Documents 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).

B. Hanson

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Please contact Mr. Michael Kunowski at 630-829-9618 with any questions you have regarding this letter.

Sincerely,

/RA/

Anne T. Boland, Director
Division of Reactor Projects

Docket Nos. 50-373; 50-374
License Nos. NPF-11; NPF-18

Enclosure:
LaSalle County Station, Units 1 and 2
Inspection/Activity Plan

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B. Hanson

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LaSalle
Inspection / Activity Plan
03/01/2015 - 06/30/2016

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION		2
1	03/23/2015	03/27/2015	IP 7111402	Alert and Notification System Testing	
1	03/23/2015	03/27/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	03/23/2015	03/27/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	03/23/2015	03/27/2015	IP 71151	Performance Indicator Verification	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	03/16/2015	03/20/2015	IP 71124.05	Radiation Monitoring Instrumentation	
1	03/16/2015	03/20/2015	IP 71151	Performance Indicator Verification	
			BI HS - TRIENNIAL HEAT SINK INSPECTION		2
1, 2	04/20/2015	04/24/2015	IP 7111107T	Heat Sink Performance	
			BI PI&R - BIENNIAL PI&R INSPECTION		4
1, 2	05/04/2015	05/22/2015	IP 71152B	Problem Identification and Resolution	
			ISFSI - ISFSI OPERATION INSPECTION		2
1, 2	05/01/2015	06/30/2015	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			RENEWAL - LICENSE RENEWAL INSPECTION 71002		7
1, 2	09/28/2015	10/16/2015	IP 71002	License Renewal Inspection	
			BI MODS - MODIFICATIONS / 50.59 INSPECTION		5
1, 2	06/29/2015	07/17/2015	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		2
1	08/10/2015	08/14/2015	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	08/10/2015	08/14/2015	IP 71124.07	Radiological Environmental Monitoring Program	
1	08/10/2015	08/14/2015	IP 71151	Performance Indicator Verification	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	08/31/2015	09/04/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	08/31/2015	09/04/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1	08/31/2015	09/04/2015	IP 71151	Performance Indicator Verification	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	09/28/2015	10/02/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/28/2015	10/02/2015	IP 71124.05	Radiation Monitoring Instrumentation	
			BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION		2
1, 2	11/16/2015	11/20/2015	IP 7111111B	Licensed Operator Requalification Program	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	02/22/2016	02/26/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	

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

LaSalle
Inspection / Activity Plan
03/01/2015 - 06/30/2016

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	02/22/2016	02/26/2016	IP 71124.02	Occupational ALARA Planning and Controls	
			ISI - INSERVICE INSPECTION ON UNIT 1		1
1	02/15/2016	03/11/2016	IP 7111108G	Inservice Inspection Activities - BWR	
			ENG BI - COMPONENT DESIGN BASES INSPECTION		6
1, 2	04/11/2016	05/20/2016	IP 7111121	Component Design Bases Inspection	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	05/09/2016	05/13/2016	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	05/09/2016	05/13/2016	IP 71124.04	Occupational Dose Assessment	

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