



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 2, 2016

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 05000373/2015006 AND 05000374/2015006)**

Dear Mr. Hanson:

On February 10, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of LaSalle County Station, 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, 2015, through December 31, 2015. 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 County Station, Units 1 and 2, operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at LaSalle County Station, Units 1 and 2, 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 indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2017. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last 9 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 inspection schedule includes a triennial inspection conducted in accordance with Inspection Procedure 71111.21, "Component Design Bases Inspection" and an infrequently performed inspection related to follow-up on previously documented deviations using Inspection Procedure 92702, "Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders." In addition, from January 1 to December 31, 2015, the NRC issued four Severity Level IV traditional enforcement violations associated with impeding the

regulatory process. Therefore, the NRC had conducted Inspection Procedure 92723, "Follow Up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the Same Area in a 12-Month Period," to follow-up on these violations in February 2016. The results of this inspection will be provided to you in an integrated inspection report to be issued later.

In response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events." This Order requires licensees to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities following a beyond-design-basis external event. Additionally, the Commission issued Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation." This Order requires licensees to have a reliable means of remotely monitoring wide-range Spent Fuel Pool levels to support effective prioritization of event mitigation and recovery actions in the event of a beyond-design-basis external event. The NRC is conducting audits of licensee efforts towards compliance with these Orders. The audit was completed for LaSalle County Station, Units 1 and 2, and the information gathered will aid staff in development of a safety evaluation for the site. After the NRC staff receives the Final Compliance letter for the site, the Final Safety Evaluation will be issued. Then, the NRC staff will confirm through inspections the full implementation of the orders mentioned above by performing Temporary Instruction 191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans."

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 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).

B. Hanson

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Please contact me at 630-829-9827 with any questions you have regarding this letter.

Sincerely,

/RA/

Billy Dickson, Chief
Branch 5
Division of Reactor Projects

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

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

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Sincerely,

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Enclosure:
Inspection Plan

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LaSalle
Inspection / Activity Plan
03/01/2016 - 12/31/2017

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			IP 92702 - DEVIATION FOLLOW UP		2
1	01/01/2016	12/31/2016	IP 92702	Followup On Corrective Actions For Violations And Deviations	
			ENG BI - COMPONENT DESIGN BASES INSPECTION		6
1, 2	04/11/2016	05/13/2016	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	
			BI EP - EP EXERCISE INSPECTION / PI VERIFICATION		5
1, 2	07/18/2016	07/22/2016	IP 7111401	Exercise Evaluation	
1, 2	07/18/2016	07/22/2016	IP 7111406	Drill Evaluation	
1, 2	07/18/2016	07/22/2016	IP 7111408	Exercise Evaluation – Scenario Review	
1, 2	07/18/2016	07/22/2016	IP 71151	Performance Indicator Verification	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	08/08/2016	08/12/2016	IP 71124.07	Radiological Environmental Monitoring Program	
1	08/08/2016	08/12/2016	IP 71151	Performance Indicator Verification	
			OL PREP - INIT PRPE/SEPTEMBER 2016		3
1	09/19/2016	09/23/2016	W90347	OL - INITIAL EXAM - 2016 SEPT-OCT - LASALLE	
			OL EXAM - INIT EXAM/OCTOBER 2016		3
1	10/17/2016	11/04/2016	W90347	OL - INITIAL EXAM - 2016 SEPT-OCT - LASALLE	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	11/14/2016	11/18/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/14/2016	11/18/2016	IP 71124.02	Occupational ALARA Planning and Controls	
			ISI - INSERVICE INSPECTION ON UNIT 2		1
2	02/06/2017	02/24/2017	IP 7111108G	Inservice Inspection Activities - BWR	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	02/13/2017	02/17/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	02/13/2017	02/17/2017	IP 71124.02	Occupational ALARA Planning and Controls	
			ISFSI - ROUTINE LOADING		2
1, 2	03/01/2017	03/30/2017	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			BI EP - EP BASELINE INSPECTION / PI VERIFICATION		1
1, 2	03/27/2017	03/31/2017	IP 7111402	Alert and Notification System Testing	
1, 2	03/27/2017	03/31/2017	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	03/27/2017	03/31/2017	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	

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

LaSalle
Inspection / Activity Plan
03/01/2016 - 12/31/2017

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI EP - EP BASELINE INSPECTION / PI VERIFICATION		1
1, 2	03/27/2017	03/31/2017	IP 71151	Performance Indicator Verification	
			BI PI&R - BIENNIAL PI&R INSPECTION		4
1, 2	05/01/2017	05/19/2017	IP 71152B	Problem Identification and Resolution	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	05/08/2017	05/12/2017	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			BI ENG - TRIENNIAL HEAT SINK INSPECTION		2
1, 2	05/08/2017	05/12/2017	IP 7111107T	Heat Sink Performance	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	08/07/2017	08/11/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	10/30/2017	11/03/2017	IP 71124.05	Radiation Monitoring Instrumentation	
			BI FIRE - TRIENNIAL FIRE PROTECTION AND BAG TRIP		3
1, 2	10/30/2017	12/01/2017	IP 7111105T	Fire Protection [Triennial]	
			OL-RQ - BIENNIAL REQUAL PROGRAM INSPECTION		2
1, 2	11/13/2017	11/17/2017	IP 7111111B	Licensed Operator Requalification Program	

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