



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 1, 2017

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 05000373/2016006 AND 05000374/2016006)

Dear Mr. Hanson:

The NRC has completed its end-of-cycle performance assessment of LaSalle County Station, Units 1 and 2, reviewing performance indicators (PIs), inspection results and enforcement actions from January 1, 2016 through December 31, 2016. 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 concluded that overall performance at your facility preserved public health and safety.

The NRC determined the performance at LaSalle County Station, Units 1 and 2 during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the 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, 2018. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. 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 the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

B. Hanson

- 2 -

In accordance with Title 10 of the *Code of Federal Regulations* (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).

Please contact me at 630-829-9731 with any questions you have regarding this letter.

Sincerely,

/RA/

Karla Stoedter, Chief
Branch 1
Division of Reactor Projects

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

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

B. Hanson

- 3 -

Letter to Bryan Hanson from Karla Stoedter dated March 1, 2017

SUBJECT: ANNUAL ASSESSMENT LETTER FOR LASALLE COUNTY STATION, UNITS 1
AND 2 (REPORT 05000373/2016006 AND 05000374/2016006)

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LaSalle
Inspection / Activity Plan
03/01/2017 - 12/31/2018

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End				
			ISI - INSERVICE INSPECTION ON UNIT 2		1
2	02/06/2017	03/15/2017	IP 7111108G	Inservice Inspection Activities - BWR	
			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	
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	
			ISFSI - ISFSI CASK LOADING INSPECTION		2
1, 2	05/01/2017	09/30/2017	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			BI ENG - DBA PROGRAMS		3
1, 2	06/26/2017	07/14/2017	IP 7111121N	Component Design Bases Inspection (Programs)	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		2
1	10/30/2017	11/03/2017	IP 71124.05	Radiation Monitoring Instrumentation	
1	10/30/2017	11/03/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			OL-RQ - BIENNIAL REQUAL PROGRAM INSPECTION		2
1, 2	10/30/2017	11/03/2017	IP 7111111B	Licensed Operator Requalification Program	
			BI FIRE - TRIENNIAL FIRE PROTECTION AND BAG TRIP		3
1, 2	10/30/2017	12/01/2017	IP 7111105T	Fire Protection [Triennial]	
			BI 50.59 - TRIENNIAL 50.59 INSPECTION		3
1, 2	04/02/2018	04/06/2018	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		2
1	02/26/2018	03/02/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	02/26/2018	03/02/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1	02/26/2018	03/02/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	02/26/2018	03/02/2018	IP 71124.04	Occupational Dose Assessment	
			ISI - INSERVICE INSPECTION UNIT 1		1
1	02/19/2018	03/17/2018	IP 7111108G	Inservice Inspection Activities - BWR	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	05/07/2018	05/11/2018	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
03/01/2017 - 12/31/2018

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End				
BI RP - RADIATION PROTECTION BASELINE INSPECTION					
1	05/07/2018	05/11/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	1
1	05/07/2018	05/11/2018	IP 71124.04	Occupational Dose Assessment	
BI HS - TRIENNIAL HEAT SINK INSPECTION					
1, 2	06/18/2018	06/22/2018	IP 7111107T	Heat Sink Performance	3
EP - EP EXERCISE/PI VERIFICATION					
1	08/06/2018	08/10/2018	IP 7111401	Exercise Evaluation	2
1	08/06/2018	08/10/2018	IP 7111406	Drill Evaluation	
1	08/06/2018	08/10/2018	IP 7111408	Exercise Evaluation – Scenario Review	
1	08/06/2018	08/10/2018	IP 71151	Performance Indicator Verification	
FLEX - FLEX/MITIGATING STRATEGIES/SFPI					
1, 2	10/01/2018	10/05/2018	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	4
OL PREP - INITIAL PREP OCT/NOV 2018					
1	10/09/2018	10/12/2018	W90374	OL - INITIAL EXAM - 2018 OCT-NOV - LASALLE	3
BI RP - RADIATION PROTECTION BASELINE INSPECTION					
1	11/05/2018	11/09/2018	IP 71124.02	Occupational ALARA Planning and Controls	1
OL EXAM - INITIAL EXAM NOV 2018					
1	11/05/2018	11/15/2018	W90374	OL - INITIAL EXAM - 2018 OCT-NOV - LASALLE	3