



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

March 4, 2013

Mr. Michael J. Pacilio
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR LASALLE COUNTY STATION,
UNITS 1 AND 2 (REPORT 05000373/2012001; 05000374/2012001)**

Dear Mr. Pacilio:

On February 13, 2013, the 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, 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, 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 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, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections in the last 12 months of the inspection plan are tentative and may be revised at the mid-cycle 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.

In addition to the ROP baseline, an inspection is planned using Independent Spent Fuel Storage Installation (ISFSI) Inspection Procedure 60855.1, "Operation of an ISFSI at Operating Plants."

M. Pacilio

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS), 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) 829-9618 with any questions you have regarding this letter.

Sincerely,

/RA/

Michael A. Kunowski, Chief
Branch 5
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

cc w/encl: Distribution via ListServ™

M. Pacilio

-2-

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

cc w/encl: Distribution via ListServ™

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LaSalle
Inspection / Activity Plan
03/01/2013 - 12/31/2014

| Unit Number | Planned Dates | | Inspection Activity | Title | No. of Staff on Site |
|-------------|---------------|------------|--|---|----------------------|
| | Start | End | | | |
| | | | BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION | | 2 |
| 1 | 04/22/2013 | 04/26/2013 | IP 7111402 | Alert and Notification System Testing | |
| 1 | 04/22/2013 | 04/26/2013 | IP 7111403 | Emergency Preparedness Organization Staffing and Augmentation System | |
| 1 | 04/22/2013 | 04/26/2013 | IP 7111405 | Correction of Emergency Preparedness Weaknesses and Deficiencies | |
| 1 | 04/22/2013 | 04/26/2013 | IP 71151 | Performance Indicator Verification | |
| | | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 1 | 03/11/2013 | 03/15/2013 | IP 71124.05 | Radiation Monitoring Instrumentation | |
| 1 | 03/11/2013 | 03/15/2013 | IP 71151-BI01 | Reactor Coolant System Activity | |
| | | | BI PI&R - BIENNIAL PROBLEM IDENTIFICATION RES | | 5 |
| 1 | 05/13/2013 | 05/31/2013 | IP 71152B | Problem Identification and Resolution | |
| | | | ISFSI - ISFSI INSPECTION | | 1 |
| 1 | 06/01/2013 | 06/30/2013 | IP 60855.1 | Operation of an Independent Spent Fuel Storage Installation at Operating Plants | |
| | | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 1 | 06/24/2013 | 06/28/2013 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 06/24/2013 | 06/28/2013 | IP 71124.02 | Occupational ALARA Planning and Controls | |
| 1 | 06/24/2013 | 06/28/2013 | IP 71124.07 | Radiological Environmental Monitoring Program | |
| 1 | 06/24/2013 | 06/28/2013 | IP 71151-PR01 | RETS/ODCM Radiological Effluent | |
| | | | BI CDBI - COMPONENT DESIGN BASIS INSPECTION | | 8 |
| 1 | 09/23/2013 | 10/25/2013 | IP 7111121 | Component Design Bases Inspection | |
| | | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 1 | 09/30/2013 | 10/04/2013 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 09/30/2013 | 10/04/2013 | IP 71124.02 | Occupational ALARA Planning and Controls | |
| 1 | 09/30/2013 | 10/04/2013 | IP 71124.08 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation | |
| 1 | 09/30/2013 | 10/04/2013 | IP 71151-OR01 | Occupational Exposure Control Effectiveness | |
| | | | STRIKE - STRIKE CONTINGENCY-OPS/RP/MAINT | | 3 |
| 1, 2 | 09/30/2013 | 10/29/2013 | IP 92709 | Licensee Strike Contingency Plans | |
| | | | BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION | | 2 |
| 1, 2 | 11/18/2013 | 11/22/2013 | IP 7111111B | Licensed Operator Requalification Program | |
| | | | BI ISI - INSERVICE INSPECTION UNIT 1 | | 1 |
| 1 | 02/10/2014 | 03/01/2014 | IP 7111108G | Inservice Inspection Activities - BWR | |
| | | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 1 | 02/17/2014 | 02/21/2014 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 02/17/2014 | 02/21/2014 | IP 71124.02 | Occupational ALARA Planning and Controls | |

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

LaSalle
Inspection / Activity Plan
03/01/2013 - 12/31/2014

| Unit Number | Planned Dates | | Inspection Activity | Title | No. of Staff on Site |
|-------------|---------------|------------|--|--|----------------------|
| | Start | End | | | |
| | | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 1 | 02/17/2014 | 02/21/2014 | IP 71151-OR01 | Occupational Exposure Control Effectiveness | |
| | | | BI EPX - EP EXERCISE INSPECTION/PI VERIFICATION | | 2 |
| 2 | 05/19/2014 | 05/23/2014 | IP 71151 | Performance Indicator Verification | |
| | | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 1 | 03/17/2014 | 03/21/2014 | IP 71124.03 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1 | 03/17/2014 | 03/21/2014 | IP 71124.04 | Occupational Dose Assessment | |
| | | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 1 | 06/16/2014 | 06/20/2014 | IP 71124.06 | Radioactive Gaseous and Liquid Effluent Treatment | |
| 1 | 06/16/2014 | 06/20/2014 | IP 71151-BI01 | Reactor Coolant System Activity | |
| 1 | 06/16/2014 | 06/20/2014 | IP 71151-PR01 | RETS/ODCM Radiological Effluent | |
| | | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 1 | 07/28/2014 | 08/01/2014 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 07/28/2014 | 08/01/2014 | IP 71124.02 | Occupational ALARA Planning and Controls | |
| | | | OL PREP - INITIAL EXAM - 10/2014 | | 3 |
| 1 | 09/29/2014 | 10/03/2014 | W90306 | OL - INITIAL EXAM - 2014 JULY-MAR - LASA | |
| | | | OL EXAM - INIT EXAM FOR 10/2014 | | 3 |
| 1 | 10/20/2014 | 10/31/2014 | W90306 | OL - INITIAL EXAM - 2014 JULY-MAR - LASA | |
| | | | BI FIRE - FIRE PROTECTION INSPECTION AND BAG TRIP | | 3 |
| 1, 2 | 11/03/2014 | 12/05/2014 | IP 7111105T | Fire Protection [Triennial] | |

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