



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

September 1, 2011

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

SUBJECT: MID-CYCLE LETTER FOR LASALLE COUNTY STATION, UNITS 1 AND 2;
05000373/2011-006; 05000374/2011-006

Dear Mr. Pacilio:

On August 10, 2011, the NRC completed its mid-cycle performance review of the 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 July 1, 2010, through June 30, 2011. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

The NRC determined the performance at the 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 normal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through December 31, 2012. Routine resident inspections are not included in the inspection plan. In addition to the ROP baseline inspections, the NRC will be conducting the following additional inspection at your facility: IP 60855.1, "Operation of an Independent Spent Fuel Storage Installation (ISFSI) at Operating Plants." The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-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.

In the days following the Fukushima Daiichi nuclear accident in Japan, the Commission directed the staff to establish a senior-level agency task force to conduct a methodical and systematic review of the NRC's processes and regulations to determine whether the agency should make additional improvements to its regulatory system. The NRC has since completed Temporary Instruction (TI) 183, "Follow-up to Fukushima Daiichi Nuclear Station Fuel Damage Event," and TI-184, "Availability and Readiness Inspection of Severe Accident Management Guidelines (SAMGs)" at your facility. Results of these inspections can be found here: <http://www.nrc.gov/japan/japan-activities.html>. Additionally, on May 11, 2011, the agency issued NRC Bulletin 2011-01, "Mitigating Strategies," to confirm compliance with Order EA-02-026, subsequently imposed license conditions, and 10 CFR 50.54(hh)(2), and to determine the status of licensee mitigating strategies programs. On July 12, 2011, the NRC's Task Force made its recommendations to the Commission in its report, "Recommendations for Enhancing Reactor Safety in the 21st Century: The Near-Term Task Force Review of Insights from the Fukushima Daiichi Accident." The NRC is currently reviewing the Task Force's recommendations to determine what additional actions may be warranted.

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 Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at (630) 829-9628 with any questions you may have regarding this letter.

Sincerely,

/RA/

Kenneth Riemer, Branch Chief
Branch 2
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 ListServe

In the days following the Fukushima Daiichi nuclear accident in Japan, the Commission directed the staff to establish a senior-level agency task force to conduct a methodical and systematic review of the NRC's processes and regulations to determine whether the agency should make additional improvements to its regulatory system. The NRC has since completed Temporary Instruction (TI) 183, "Follow-up to Fukushima Daiichi Nuclear Station Fuel Damage Event," and TI-184, "Availability and Readiness Inspection of Severe Accident Management Guidelines (SAMGs)" at your facility. Results of these inspections can be found here: <http://www.nrc.gov/japan/japan-activities.html>. Additionally, on May 11, 2011, the agency issued NRC Bulletin 2011-01, "Mitigating Strategies," to confirm compliance with Order EA-02-026, subsequently imposed license conditions, and 10 CFR 50.54(hh)(2), and to determine the status of licensee mitigating strategies programs. On July 12, 2011, the NRC's Task Force made its recommendations to the Commission in its report, "Recommendations for Enhancing Reactor Safety in the 21st Century: The Near-Term Task Force Review of Insights from the Fukushima Daiichi Accident." The NRC is currently reviewing the Task Force's recommendations to determine what additional actions may be warranted.

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 Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at (630) 829-9628 with any questions you may have regarding this letter.

Sincerely,

/RA/

Kenneth Riemer, Branch Chief
Branch 2
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 ListServe

DISTRIBUTION:

See next page

DOCUMENT NAME: G:\DRPIII\1-Secy\1-Work In Progress\2011 MOC Letters\LaSalle MOC Letter 2011.docx

Publicly Available Non-Publicly Available Sensitive Non-Sensitive

To receive a copy of this document, indicate in the concurrence box "C" = Copy without attach/encl

"E" = Copy with attach/encl "N" = No copy

| | | | | | |
|--------|-------------|------------|---|------|------|
| OFFICE | RIII | RIII | N | RIII | RIII |
| NAME | MZiolkowski | KRiemer:cs | | | |
| DATE | 08/19/11 | 08/22/11 | | | |

OFFICIAL RECORD COPY

Letter to M. Pacilio from K. Riemer dated September 1, 2011

SUBJECT: MID-CYCLE LETTER FOR LASALLE COUNTY STATION, UNITS 1 AND 2;
05000373/2011-006; 05000374/2011-006

DISTRIBUTION:

Daniel Merzke

RidsNrrDorLpl3-2 Resource

RidsNrrPMLaSalle

RidsNrrDirslrib Resource

Cynthia Pederson

Steven Orth

Jared Heck

Allan Barker

Carole Ariano

Linda Linn

DRPIII

DRSIII

Patricia Buckley

Tammy Tomczak

ROPAssessment.Resource@nrc.gov

LaSalle
Inspection / Activity Plan
09/01/2011 - 12/31/2012

| Planned Dates | | Inspection Activity | Title | No. of Staff on Site |
|---------------|------------|--|--|----------------------|
| Start | End | | | |
| | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 09/26/2011 | 09/30/2011 | IP 2515/179 | Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in NSTS | |
| 09/26/2011 | 09/30/2011 | IP 71124.05 | Radiation Monitoring Instrumentation | |
| | | BI FIRE - FIRE PROTECTION INSPECTION & BAG TRIP | | 3 |
| 10/17/2011 | 11/18/2011 | IP 7111105T | Fire Protection [Triennial] | |
| | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 10/31/2011 | 11/04/2011 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 10/31/2011 | 11/04/2011 | IP 71151 | Performance Indicator Verification | |
| | | BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION | | 2 |
| 11/14/2011 | 11/18/2011 | IP 7111111B | Licensed Operator Requalification Program | |
| | | BI ISI - INSERVICE INSPECTION - UNIT 1 | | 1 |
| 02/13/2012 | 02/17/2012 | IP 7111108G | Inservice Inspection Activities - BWR | |
| | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 02/20/2012 | 02/24/2012 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 02/20/2012 | 02/24/2012 | IP 71124.02 | Occupational ALARA Planning and Controls | |
| | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 05/07/2012 | 05/11/2012 | IP 71124.06 | Radioactive Gaseous and Liquid Effluent Treatment | |
| 05/07/2012 | 05/11/2012 | IP 71151-PR01 | RETS/ODCM Radiological Effluent | |
| | | ISFSI - ISFSI INSPECTION - SCHEDULE DEPENDENT | | 1 |
| 05/01/2012 | 07/31/2012 | IP 60855.1 | Operation of an Independent Spent Fuel Storage Installation at Operating Plants | |
| | | BI HS - TRIENNIAL HEAT SINK INSPECTION | | 2 |
| 07/16/2012 | 07/20/2012 | IP 7111107T | Heat Sink Performance | |
| | | TI-177 - TI-2515/177 - GAS VOIDING IN ECCS PIPING | | 2 |
| 07/30/2012 | 08/17/2012 | IP 2515/177 | Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System | |
| | | BI EPX - EP EXERCISE INSPECTION / PI VERIFICATION | | 2 |
| 07/30/2012 | 08/03/2012 | IP 7111401 | Exercise Evaluation | |
| 07/30/2012 | 08/03/2012 | IP 71151 | Performance Indicator Verification | |
| | | OL PREP - LASALLE INIT PREP - 09/2012 | | 3 |
| 09/03/2012 | 09/07/2012 | W90267 | OL - INITIAL EXAM - 2012 SEPT/OCT - LASA | |
| | | BI MODS - TRIENNIAL PERM MODS/50.59 | | 3 |
| 09/10/2012 | 09/28/2012 | IP 7111117T | Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications | |
| | | BI RP - RADIATION PROTECTION BASELINE INSPECTION | | 1 |
| 09/24/2012 | 09/28/2012 | IP 71124.08 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation | |

LaSalle
Inspection / Activity Plan
09/01/2011 - 12/31/2012

| Planned Dates | | Inspection Activity | Title | No. of Staff on Site |
|---|------------|---------------------|--|----------------------|
| Start | End | | | |
| BI RP - RADIATION PROTECTION BASELINE INSPECTION | | | | |
| 09/24/2012 | 09/28/2012 | IP 71151-BI01 | Reactor Coolant System Activity | 1 |
| OL EXAM - LASALLE INIT EXAM - 09/2012 | | | | |
| 09/24/2012 | 10/05/2012 | W90267 | OL - INITIAL EXAM - 2012 SEPT/OCT - LASA | 3 |
| BI RP - RADIATION PROTECTION BASELINE INSPECTION | | | | |
| 12/10/2012 | 12/14/2012 | IP 71124.03 | In-Plant Airborne Radioactivity Control and Mitigation | 1 |
| 12/10/2012 | 12/14/2012 | IP 71124.04 | Occupational Dose Assessment | |
| 12/10/2012 | 12/14/2012 | IP 71151-OR01 | Occupational Exposure Control Effectiveness | |