



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

July 19, 2013

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

**SUBJECT: INFORMATION REQUEST TO SUPPORT UPCOMING PROBLEM
IDENTIFICATION AND RESOLUTION (PI&R) INSPECTION AT
BYRON STATION**

Dear Mr. Pacilio:

This letter is to request information to support our biennial PI&R inspection beginning September 9, 2013, at Byron Station. This inspection will be performed in accordance with the U.S. Nuclear Regulatory Commission (NRC) Baseline Inspection Procedure 71152.

Experience has shown that these inspections are extremely resource intensive both for the NRC inspectors and the utility staff. In order to minimize the impact that the inspection has on the site and to ensure a productive inspection, we have enclosed a list of documents required for the inspection.

The documents requested are copies of performance reports and lists of information necessary to ensure the inspection team is adequately prepared for the inspection. The documents should be ready for NRC review by August 9, 2013. Mr. Nirodh Shah, the Lead Inspector, will contact your staff to determine the best method of providing the requested information.

If there are any questions about the material requested, or the inspection in general, please do not hesitate to call or e-mail Mr. Shah at (630) 829-9821 or Nirodh.Shah@NRC.gov.

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, Control Number 3150-0011.

The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget Control Number.

M. Pacilio

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In accordance with 10 CFR 2.790 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 (PARS) component of NRC's Agencywide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Eric Duncan, Chief
Branch 3
Division of Reactor Projects

Docket Nos. 50-454; 50-455
License Nos. NPF-37; NPF-66

Enclosure:
Requested Information to Support PI&R Inspection

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Requested Information for a Problem Identification and Resolution (PI&R) Inspection

Please provide the information on a compact disc (one for each team member), if possible. Unless otherwise specified, the time frame for requested information is two years.

1. Copies of the corporate and site level procedures and sub-tier procedures associated with the corrective action program. This should include procedures related to: 1) corrective action process; 2) operating experience program; 3) employee concerns program; 4) self-assessment program; 5) maintenance rule program and implementing procedures; 6) operability determination process; 7) Degraded/non-conforming condition process (e.g., RIS 2005-20); 8) System Health process or equivalent equipment reliability improvement programs; 9) Operational Decision Making (ODMI) process.
2. A listing of the top 10 risk-significant systems, components, and operator manual actions.
3. Scheduled date/time/location of all meetings associated with implementation of the corrective action program, such as issue report (IR) screening meetings, corrective action review board meetings, etc.
4. List of all IRs generated, sorted by priority, with the following information: number; priority; title; date initiated; and status (open or closed). The IRs should be grouped by the initiating department (operations, maintenance, engineering, radiation protection, emergency preparedness, and security).
5. Listing of the total number of IRs generated annually, sorted by the above departments.
6. A list of IRs generated as a result of identified trends. The list should be sorted by priority and have the following information: number, title, date initiated, status and initiating department.
7. A list of outstanding corrective actions, sorted by priority, with a brief description, initiating date and due date. Please also identify and list any associated due date extensions.
8. List of control room deficiencies and operator work-arounds, sorted by priority, with a brief description and corresponding IR and/or work order number.
9. A chronological list and copy of all nuclear quality assurance audits and department/station self-assessments conducted since August 2011. This should include copies of the Station and Departmental Performance Improvement Integrated Matrix reports completed during this time period.
10. All assessments or evaluations (internal or external) regarding station or department safety-culture. This should include minutes from any departmental or station safety-culture meetings.
11. A list of all operability determinations and ODMIs performed since August 2011, with the following information: date initiated, initiating IR and status (open or closed).
12. A copy of all root, apparent, and common cause evaluations performed since August 2011.

13. A list of maintenance preventable functional failures (MPFFs) of risk-significant systems (include actions completed and current status). A list of current Maintenance Rule a(1) systems and a list of those systems that entered a(1) within the last two years, but which were returned to a(2) status. Include a copy of the current system health report for those systems now in a(1).
14. Copy of the latest corrective action program statistics such as the number initiated by department, human performance errors by department, backlog, corrective action timeliness and others as may be available. Include copies of any assessments (either internal or external) of the corrective action program conducted since August 2011.
15. Any performance indicators associated with backlog of corrective maintenance items.
16. List of industry operating experience evaluated by the site. Additionally, list of all NRC generic communications (information notices, generic letters, etc.) evaluated by the site for applicability to the station regardless of the determination of applicability.
17. A list of condition reports issued since August 2011 where the NRC was the identifying organization. This list should include non-cited and minor violations, and findings, regardless of whether there was an associated violation. Please provide the IR number, title, date initiated and status.
18. A chronological list of all Licensee Event Reports generated since August 2011, with a brief description of the affected components or systems.
19. A chronological list of IRs, system audits, 50.59 screenings or evaluations, operability evaluations and ODMLs, maintenance rule, root or apparent cause evaluations, and permanent or temporary modifications associated with the Component Cooling Water (CCW) System since August 2008. Please indicate the status of the associated documents (i.e., open or closed) in the listing.
20. A list of open temporary modifications.
21. A list of the current maintenance backlog. Include the date initiated, a brief description, and a priority for each item sorted by system.
22. A list of the current engineering backlog. Include the date initiated, a brief description, and priority of each item.
23. A list of the procedural change request backlog. Include the date initiated, a brief description, and priority of each item.

Documents requested to be available as printed copies on-site during the inspection:

- a. Updated Final Safety Analysis Report.
- b. Technical Specifications.
- c. The QA manual.
- d. A list of issues brought to the ECP/Ombudsman and the actions taken for resolution.
- e. The latest organization chart and phone listing.
- f. Self-assessments and associated condition reports generated in preparation for this inspection.

M. Pacilio

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Sincerely,

/RA/

Eric Duncan, Chief
Branch 3
Division of Reactor Projects

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Letter to M. Pacilio from C. Lipa dated July 19, 2013

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IDENTIFICATION AND RESOLUTION (PI&R) INSPECTION AT
BYRON POWER STATION

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