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

June 23, 2016

Mr. Bryan C. Hanson
Senior VP, Exelon Generation Company, LLC
President and CNO, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: INFORMATION REQUEST TO SUPPORT UPCOMING PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION AT THE QUAD CITIES NUCLEAR POWER STATION

Dear Mr. Hanson:

This letter is to request information to support our scheduled Problem Identification and Resolution (PI&R) inspection beginning September 12, 2016, at your Quad Cities Nuclear Power 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 condition reports and lists of information necessary to ensure the inspection team is adequately prepared for the inspection. The information requested prior to the inspection may be provided in either CD-ROM/DVD (preferred) or hard copy format and should be ready for NRC review by August 26, 2016. Mr. Raymond Ng, 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 contact Mr. Ng at 630-829-9574 or raymond.ng@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.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, “Public Inspections, Exemptions, Requests for Withholding,” of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC’s Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Sincerely,

/RA/

Karla Stoedter, Chief
Branch 1
Division of Reactor Projects

Docket Nos. 50–254; 50–265
License Nos. DPR–29; DPR–30

Enclosure:
RFI to Support PI&R Inspection

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RFI to Support PI&R Inspection

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OFFICIAL RECORD COPY

Requested Information to Support
Problem Identification and Resolution Inspection

Please provide the information on a compact disc or thumb drive (one for each of four team members), if possible. Unless otherwise specified, the time frame for requested information is for the period of July 1, 2014, through the time the data request is answered. Please label any electronic files with file content information. In the case of list of condition reports requested, the list should be sortable electronically.

In addition, inspectors will require computer access to the corrective action program (CAP) database while on site.

PROGRAM DOCUMENTS

1. Copies of current administrative procedures associated with the corrective action program. This should include procedures related to: (1) corrective action process; (2) operating experience program; (3) self-assessment program; (4) maintenance rule program; (5) operability determination process; (6) degraded/non-conforming condition process (e.g., RIS 2005-20); (7) system health process or equivalent equipment reliability improvement programs; and (8) operational decision making (ODMI) process.

2. A current copy of the Employee Concerns Program/Ombudsman administrative procedure.

3. Description of any substantive changes made to the CAP since the last Problem Identification and Resolution (PI&R) Inspection (September 2014). Please include the effective date with each listed change.

ASSESSMENTS

4. A copy of Quality Assurance (QA) audits of the corrective action program.

5. A copy of self-assessments and associated condition reports generated in preparation for this PI&R inspection.

6. A list of all other QA audits completed with a brief description of findings identified.

7. The schedule of future QA audits.

8. A copy of completed CAP self-assessments and the plan/schedule for future CAP self-assessments.

9. A chronological list of department and site self-assessments completed (include date completed).

10. A list of condition reports (CRs) written for findings or concerns identified in self-assessments and audits. Include a short description/title of the finding, its status, and include a cross-reference to the audit or self-assessment number.

CORRECTIVE ACTION DOCUMENTS

11. A list of completed root cause evaluations with a brief description of the issue. Provide status of any actions developed as part of the evaluations. Include a reference, if not part of the root cause package, to the documents and/or CRs directing and tracking the actions.

12. A list of completed apparent cause evaluations with a brief description of the issue. Provide status of any actions developed as part of the evaluations. Include a reference, if not part of the apparent cause package, to the documents and/or CRs directing and tracking the actions.

13. A list of completed common cause evaluations with a brief description of the issue. Provide status of any actions developed as part of the evaluations. Include a reference, if not part of the common cause package, to the documents and/or CRs directing and tracking the actions.

14. A list of all open condition reports sorted by significance level. Include CR number, the date initiated, a brief description/title, system affected if any, anticipated completion date, if available, and whether there is an associated operability evaluation. This list should be sortable by responsible department and listed in order of initiation date (oldest listed first).

15. A list of closed CRs sorted by significance level and then initiation date. Include CR number, a brief description/title, date closed, assigned organization, system affected and whether there was an associated operability evaluation. This list should be sortable by responsible department and listed in order of initiation date (oldest listed first).

16. A list of open corrective actions, sorted by significance/priority level, with a brief description/title, initiating date and due date. The list should include the number of due date extension and be sortable by the responsible department.

17. A list of CRs generated by the corporate office that involve or affect plant operation, sorted by significance level. Include the date initiated, a brief description/title, site(s) affected, system affected, assigned organization, and status (if closed include date closed; if open, include scheduled date to be closed).

18. A list of completed effectiveness reviews with a brief description of the results. Include a cross-reference to the CRs for which the effectiveness review was conducted and, if applicable, CR numbers documenting any additional follow-up actions.

19. A list of CRs initiated for inadequate or ineffective corrective actions. Include the date initiated, a brief description/title, significance/priority level, system affected, assigned organization, and status (if closed include date closed; if open, include scheduled date to be closed). Include a cross-reference to the CR or evaluation that generated the original corrective action.

20. A copy of any performance reports or indicators used to track CAP effectiveness for the past 24 months. The most recent data and end-of-quarter data will suffice; monthly reports are not required.

21. A data table (or similar format) showing the total number of CRs generated per year since 2011 sortable by department (i.e. operations, engineering, security etc.).

22. A data table showing the number of issues identified externally (NRC, INPO, other etc.) per year as compared to internally since 2011.

TRENDS

23. A list of CRs initiated for trends of conditions adverse to quality. Include the date initiated, a brief description/title, significance/priority level, and status (if closed include date closed; if open, include scheduled date to be closed).

24. Copies of any completed trend reports for CRs. Quarterly trend reports are acceptable; copies of all monthly reports are not required.

25. Copies of all apparent, common and/or root cause evaluations regarding adverse human performance trends.

OPERATING EXPERIENCE

26. A copy of the most recent operating experience program effectiveness review.

27. A list of CRs initiated to evaluate industry and NRC operating experience, and NRC generic communications (e.g. bulletins, information notices, generic letters, etc.). Include date the CR was initiated, a brief description/title, and the status (if closed include date closed; if open, include scheduled date to be closed).

SYSTEMS AND COMPONENTS

28. A list of the top ten risk significant systems and top ten risk significant components.

29. A list of operability determinations/evaluations. Include a brief description/title, date initiated, date closed or date scheduled to be closed. Also include any open operability evaluations that were initiated prior to July 1, 2014.

30. Cause analysis, corrective actions documents, health reports, and trend analysis for systems and components considered Maintenance Rule (a)(1). Provide this information starting one year earlier from when the system or component entered (a)(1) status. Include dates when system/components entered (a)(1) status and, if applicable, returned to (a)(2) status. For recurring reports, quarterly reports are sufficient; monthly reports are not required.

31. A list of temporary modifications that were installed since July 1, 2014, with a brief description/title, installation date, and status. Include any in-place temporary modifications that were installed prior to July 1, 2014.

SCWE

32. Results of completed safety culture/safety conscious work environment surveys or self-assessments. Include reference to associated CRs and status of the CRs actions. Also include schedule/plans for future surveys.

REGULATORY ISSUES

33. A list of CRs for issues (findings, violations, etc.) documented in NRC inspection reports. Include the CR number, brief description/title, date initiated and the status (if closed include date closed; if open, include scheduled date to be closed).

34. A list of CRs for licensee identified violations that have been documented in NRC inspection reports. Include the CR number, brief description/title, date initiated and the status (if closed include date closed; if open, include scheduled date to be closed).

35. A list of CRs associated with NRC identified issues. Include the CR number, brief description/title, date initiated and the status (if closed include date closed; if open, include scheduled date to be closed).

36. A list of degraded/non-conforming conditions. Include the CR number, brief description/title, date initiated and date closed or projected closeout date. Include open issues that were identified prior to July 1, 2014.

37. A list of current control room deficiencies and operator work-arounds, sorted by priority, with a brief description/title and corresponding CR and/or work order number.

5-YEAR REVIEW

38. A list of CRs regarding safety related relay failures that have been generated since July 1, 2011. Include the CR number, brief description/title, level of evaluation (i.e. root cause, apparent cause, common cause etc.), date initiated, and the status (if closed include date closed; if open, include scheduled date to be closed).

39. A list of CRs regarding aging-related degradations or failures that have been generated since July 1, 2011. Include the CR number, brief description/title, level of evaluation (i.e. root cause, apparent cause, common cause, etc.), date initiated, and the status (if closed include date closed; if open, include scheduled date to be closed).

ADMIN

40. A copy of the latest plant organizational chart and phone listing.

41. Scheduled dates, times, and location for all meetings associated with implementing the CAP (e.g. CR screening meetings, corrective action review board meetings). Include work order screening/assessment meetings.

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

a. Updated Final Safety Analysis Report.

b. Technical Specifications and Bases

c. Procedures and procedure index.

d. A copy of the QA manual.

e. A list of issues brought to the ECP/ombudsman and the actions taken for resolution.

f. A list of the codes used in the CAP with their descriptions.

g. A copy of the latest independent/offsite organization review of safety culture/safety conscious work environment and internal equivalent assessments if not provided as part of the requested data package.