



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

March 15, 2016

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

**SUBJECT: CLINTON POWER STATION – NOTIFICATION OF NRC INSPECTION AND  
REQUEST FOR INFORMATION**

Dear Mr. Hanson:

On May 16, 2016, the U.S. Nuclear Regulatory Commission (NRC) will begin the Baseline Inservice Inspection (Procedure 71111.08). This onsite inspection is scheduled to be performed May 16, 2016, through May 20, 2016.

Experience has shown that this inspection is resource intensive both for the NRC inspector and your staff. In order to minimize the impact to your on-site resources, and to ensure a productive inspection for both sides, we have enclosed a request for documents needed for this inspection. These documents have been divided into two groups.

The first group identifies information necessary to ensure that the inspector is adequately prepared. The second group identifies the information the inspector will need upon arrival at the site. It is important that all of these documents are up-to-date, and complete, in order to minimize the number of additional documents requested during the preparation and/or the onsite portions of the inspection.

We have discussed the schedule for inspection activities with your staff and understand that our regulatory contact for this inspection will be Mr. Duane Avery, of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector Mr. Vijay Meghani at (630) 829-9751 or via e-mail at [Vijay.Meghani@nrc.gov](mailto:Vijay.Meghani@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.

B. Hanson

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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/***

Vijay Meghani, Inspector  
Engineering Branch 1  
Division of Reactor Safety

Docket No. 50-461  
License No. NPF-62

Enclosure:  
Information Request for Inservice Inspection

cc: Distribution via LISTSERV®

## REQUEST FOR INFORMATION – INSERVICE INSPECTION

**Inspection Report:** 05000461/2016002

**Inspection Dates:** May 16, 2016, through May 20, 2016

**Inspection Procedure:** Inspection Procedure 71111-08, “Inservice Inspection”

**Lead Inspector:** Vijay Meghani  
(630) 829-9751  
[Vijay.Meghani@nrc.gov](mailto:Vijay.Meghani@nrc.gov)

### ***I. Information for the In-Office Preparation Week***

The following information is requested as an (electronic copy CD-ROM if possible) by May 9, 2016, to facilitate the selection of specific items that will be reviewed during the onsite inspection week. The inspector will select specific items from the information requested below and a list of additional documents needed onsite from your staff. We request that the specific items selected from the lists be available and ready for review on the first day of inspection. If you have any questions regarding this information, please call the inspector as soon as possible.

For the upcoming outage, a detailed schedule and description of:

1. Non-Destructive Examinations (NDEs) planned for Class 1 and 2 systems and containment, performed as part of your American Society of Mechanical Engineers (ASME) Code Inservice Inspection (ISI) Program (include edition and addenda of Code committed to), and NDE planned for other systems performed as part of a Risk-Informed ISI Program, or other augmented inspection programs (e.g., ASME Code Case N-770-1 examination of dissimilar metal welds and examinations to meet an industry initiative). For each weld examination, include the weld identification number, description of weld (component name), category, class, type of exam and procedure number, and date of examination; and
2. Welding on Code Class 1, 2, or 3 components.

A copy of the NDE procedures and welding procedures (WPs) used to perform the activities identified in Item A.1 (including NDE Calibration and Flaw Characterization/Sizing Procedures and WP Qualification Records). For ultrasonic examination procedures qualified in accordance with Appendix VIII, of Section XI of the ASME Code, provide documentation supporting the procedure qualification (e.g., the Electric Power Research Institute performance demonstration qualification summary sheets).

A copy of ASME Section XI, Code Relief Requests applicable to the examinations identified in Item A.1. This would include the U.S. Nuclear Regulatory Commission (NRC) approved Relief Request for implementing a Risk-Informed ISI Program (if applicable).

A copy of the 10-year ISI Program showing those required exams scheduled to be performed this outage, and those which have been completed.

Enclosure

## REQUEST FOR INFORMATION – INSERVICE INSPECTION

A list identifying NDE reports (ultrasonic, radiography, magnetic particle, or dye penetrant), which have identified relevant indications on Code Class 1 and 2 systems since the beginning of the last refueling outage.

List with short description of the welds in Code Class 1 and 2 systems, which have been fabricated due to component repair/replacement activities since the beginning of the last refueling outage and identify the system, weld number, and reference applicable documentation (e.g., NIS-2 forms with definitions of system and component acronyms).

If reactor vessel weld examinations required by the ASME Code are scheduled to occur during the inspection period, provide a detailed description of the welds to be examined, and the extent of the planned examination.

List with description of ISI-related issues such as piping degradation or damage (e.g., cracks, wall thinning, wear, microbiologically induced corrosion or errors identified during piping examinations that have been entered into your corrective action system since the beginning of the last refueling outage. Also, include a list of corrective action records associated with foreign material introduced/identified in the reactor vessel, primary coolant system or feed systems since the beginning of the last refueling outage.

Copy of any Title 10, *Code of Federal Regulations*, Part 21 reports applicable to your structures, systems, or components within the scope of Section XI of the ASME Code that have been identified since the beginning of the last refueling outage.

### **II. *Onsite Information to be Provided to the Inspector on the First Day of the Inspection (e.g., Following the Entrance Meeting). Please Provide Hard Copies (e.g., Paper Records) of the Following Documents.***

1. For welds selected by the inspector from Item A.1.b and A.6 above, provide copies of the following documents:
  - a. Document of the weld number and location (e.g., system, train, branch);
  - b. Document with a detail of the weld construction (e.g., drawing);
  - c. Applicable Code Edition and Addenda for construction of the weldment (e.g., B31.1 or ASME Section III);
  - d. Applicable Code Edition and Addenda for weld procedure qualification;
  - e. Applicable WPs used to fabricate the welds;
  - f. Copies of procedure qualification records supporting the WPs;
  - g. Copies of welders' performance qualification records;
  - h. Copies of mechanical test reports identified in the procedure qualification records above;
  - i. Copies of the Non-Conformance Reports for the selected welds;

## REQUEST FOR INFORMATION – INSERVICE INSPECTION

- j. Access to radiographs and equipment to view radiographs of the selected welds; and
  - k. Copies of the pre-service examination records for the selected welds.
2. For the ISI-related corrective action issues selected by the inspector from Item A.8 above, provide a copy of the corrective actions and supporting documentation.
  3. For the NDE Reports with relevant indications on Code Class 1 and 2 systems selected by the inspector from Item A.5 above, provide a copy of the examination records and associated corrective action documents.
  4. Updated schedules for Item A.1 (including schedule showing contingency repair plans if available).
  5. Provide copies of the following standards at the onsite NRC inspection location for the duration of the inspection:
    - a. Sections V, IX, and XI of the ASME Code with Editions applicable to the Inservice Inspection Program and the Repair/Replacement Program;
    - b. Copy of the Performance Demonstration Initiative (PDI) generic procedures with the latest applicable revisions that support site qualified ultrasonic examination of piping welds and components (e.g., PDI-UT-1, PDI-UT-2, PDI-UT-3, PDI-UT-10 etc.);
  6. Provide training (e.g., Scaffolding, Fall Protection, Foreign Material Exclusion) if required to access the NDEs selected by the inspector for observation.

If you have questions regarding the information requested, please contact the Lead Inspector.

B. Hanson

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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/**

Vijay Meghani, Inspector  
Engineering Branch 1  
Division of Reactor Safety

Docket No. 50-461  
License No. NPF-62

Enclosure:  
Information Request for Inservice Inspection

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