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

September 7, 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: DRESDEN NUCLEAR POWER STATION UNIT 2, NOTIFICATION OF INSPECTION AND INFORMATION REQUEST - BASELINE INSPECTION

Dear Mr. Pacilio:

On October 24, 2011, the U.S. Nuclear Regulatory Commission (NRC) will begin the baseline Inservice Inspection (Procedure 71111.08). This on-site inspection is scheduled to be performed October 24, 2011, through October 28, 2011.

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 on-site 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 P. O'Brien of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector Elba Sanchez Santiago at (630) 829-9715 or via e-mail at elba.sanchezsantiago@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 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 (PARS) component of NRC's document system (ADAMS), accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Sincerely,

/RA/

David E. Hills, Chief
Engineering Branch 1
Division of Reactor Safety

Docket No. 50-237; 50-249
License No. DPR-19; DPR-25

Enclosure: Inservice Inspection Document Request
w/Enclosure (Information for Preparation Week and Information Available On-site During Inspection)

cc w/encl: Distribution via ListServe

INSERVICE INSPECTION DOCUMENT REQUEST

Inspection Report: 05000237/2011005; 05000249/2011005(DRS)

Inspection Dates: October 24 – 28, 2011

Inspection Procedures: IP 71111- 08, "Inservice Inspection"

Lead Inspector: Elba Sanchez Santiago, Reactor Engineer
(630) 829-9715

A. Information for the In-Office Preparation Week

The following information (electronic copy CD ROM if possible) is requested by October 10, 2011 to facilitate the selection of specific items that will be reviewed during the on-site inspection week. The inspector will select specific items from the information requested below and request a list of additional documents needed on-site to your staff. We request that the specific items selected from the lists be available and ready for review on the first day of inspection. The following information is applicable to Unit 2 unless otherwise indicated. If you have any questions regarding this information, please call the inspector as soon as possible.

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

   a. non-destructive examinations (NDE) planned for Class 1 and 2 Systems and containment, performed as part of your ASME Code Inservice Inspection (ISI) Program (include edition and addenda of Code committed to), and NDE examinations planned for other systems performed as part of a Risk Informed (RI)-ISI Program, or other augmented inspection programs commitments, as part of 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

   b. welding on Code Class 1, 2, or 3 components.

2. A copy of the NDE procedures and welding procedures used to perform the activities identified in A.1 (including NDE calibration and flaw characterization/sizing procedures and Welding Procedure 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 EPRI performance demonstration qualification summary sheets).

3. A copy of ASME Section XI, Code Relief Requests applicable to the examinations identified in A.1.

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

5. 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.

6. 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).

7. 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.

8. List with description of ISI related issues such as piping degradation or damage (e.g., cracks, wall thinning, wear, MIC) or errors identified in 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 or reactor coolant system since the beginning of the last refueling outage.

9. Copy of any 10 CFR 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.

B. On-Site 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 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 weld procedures (WPS) used to fabricate the welds;

f. Copies of procedure qualification records (PQRs) supporting the WPS;

g. Copies of welders' performance qualification records (WPQ);

h. Copies of mechanical test reports identified in the PQRs above;

i. Copies of the non-conformance reports for the selected welds;

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 A.8 above, provide a copy of the corrective actions and supporting documentation.

3. For the non-destructive examination reports with relevant indications on Code Class 1 and 2 Systems selected by the inspector from 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. Fabrication Drawings (D size) of the reactor vessel welds if any are to be examined during the outage. Also provide any drawings used by NDE vendors to locate these welds.

6. Provide copies of the following standards at the on-site 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; and

   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.).

7. Provide training (e.g., Scaffolding, Fall Protection, FME) if required to access the non-destructive examinations selected by the inspector for observation.

If you have questions regarding the information requested, please contact the lead inspector.

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Sincerely,

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David E. Hills, Chief
Engineering Branch 1
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cc w/encl: Distribution via ListServ

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