



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

May 2, 2013

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
NRC INSPECTION AND REQUEST FOR INFORMATION**

Dear Mr. Pacilio:

On November 12, 2013, 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 November 12 – 19, 2013.

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 Ms. Paula O'Brien, of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector Mr. M. Holmberg at 630 829-9748 or via e-mail at mel.holmberg@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 System (PARS) component of NRC's Agencywide Documents Access and Management 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
License No. DPR 19

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

cc w/encl: Distribution via ListServ™

INSERVICE INSPECTION DOCUMENT REQUEST

Inspection Dates: November 12 – 19, 2013

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

Lead Inspector: Mel Holmberg, DRS
(630) 829-9748

A. Information for the In-Office Preparation Week

The following information is requested as an (electronic copy CD ROM if possible) by October 24, 2013, 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 a list of additional documents needed on-site 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. 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. 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 Item 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 Item A.1. This would include the NRC approved Relief Request for implementing a risk-informed ISI program (if applicable).
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.

INSERVICE INSPECTION DOCUMENT REQUEST

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 or damage (e.g., cracks, wall thinning, wear, MIC) or errors identified during piping/SG tube 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, steam generator or feed systems 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 Items A.1.d 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;

INSERVICE INSPECTION DOCUMENT REQUEST

- i. Copies of the nonconformance 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 the list provided in Section A 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 Section A above, provide a copy of the examination records and associated corrective action documents. Updated schedules for Item A.1 (including schedule showing contingency repair plans if available).
 4. Fabrication Drawings (D size) of the reactor vessel welds (including vessel head J-groove welds) if any are to be examined during the outage. Also provide any drawings used by NDE vendors to locate these welds.
 5. 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.
 - 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, 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.

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 System (PARS) component of NRC's Agencywide Documents Access and Management 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;
License No. DPR 19

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

cc w/encl: Distribution via ListServ™

DISTRIBUTION:

Doug Huyck
RidsNrrDorLpl3-2 Resource
RidsNrrPMDresden Resource
RidsNrrDirslrib Resource
Chuck Casto
Cynthia Pederson
Steven Orth
Allan Barker
Christine Lipa
Carole Ariano
Linda Linn
DRPIII
DRSIII
Patricia Buckley
Tammy Tomczak

DOCUMENT NAME: G:\DRSIII\DRS\Work in Progress\Ltr 050213 Dresden 2 ISI Request for
Information MSH.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							
NAME	M.Holmberg:ls		DHills							
DATE	4/30/13		05/02/13							

OFFICIAL RECORD COPY