

August 18, 2003

Mr. John L. Skolds, President
Exelon Nuclear
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: DRESDEN NUCLEAR POWER STATION, UNIT 2
NOTIFICATION OF NRC INSERVICE BASELINE INSPECTION AND REQUEST
FOR INFORMATION

Dear Mr. Skolds:

On October 20, 2003, the NRC will begin the Inservice baseline inspection at the Dresden Nuclear Power Station Unit 2. This on-site inspection will be performed October 20-24, 2003, in accordance with the NRC baseline Inspection Procedures 71111.08.

Experience has shown that this inspection is resource intensive both for the NRC inspector and your staff. In order to minimize the inspection impact on the site 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.

The inspector for this inspection is Melvin Holmberg. We understand that our regulatory contact for this inspection is T. Heisterman of your organization. If there are any questions about the inspection or the material requested, please contact the inspector at (630) 829-9748.

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

document 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 by Andrew Dunlop Acting For/

David Hills, Chief
Mechanical Engineering Branch
Division of Reactor Safety

Docket Nos. 50-237; 50-249
License Nos. DPR-19; DPR-25

Enclosure: Inservice Inspection Document Request

cc w/encl: Site Vice President - Dresden Nuclear Power Station
Dresden Nuclear Power Station Plant Manager
Regulatory Assurance Manager - Dresden
Chief Operating Officer
Senior Vice President - Nuclear Services
Senior Vice President - Mid-West Regional
Operating Group
Vice President - Mid-West Operations Support
Vice President - Licensing and Regulatory Affairs
Director Licensing - Mid-West Regional
Operating Group
Manager Licensing - Dresden and Quad Cities
Senior Counsel, Nuclear, Mid-West Regional
Operating Group
Document Control Desk - Licensing
M. Aguilar, Assistant Attorney General
Illinois Department of Nuclear Safety
State Liaison Officer
Chairman, Illinois Commerce Commission

J. Skolds

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Operating Group
Vice President - Mid-West Operations Support
Vice President - Licensing and Regulatory Affairs
Director Licensing - Mid-West Regional
Operating Group
Manager Licensing - Dresden and Quad Cities
Senior Counsel, Nuclear, Mid-West Regional
Operating Group
Document Control Desk - Licensing
M. Aguilar, Assistant Attorney General
Illinois Department of Nuclear Safety
State Liaison Officer
Chairman, Illinois Commerce Commission

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INSERVICE INSPECTION DOCUMENT REQUEST

Inspection Dates: October 20-24, 2003

Inspection Procedures: IP 7111108, "Inservice Inspection"

Lead Inspector: Inspector: Melvin Holmberg, (630) 829-9748

A. Information Requested for the In-Office Preparation Week

The following information (electronic copy if practicable - msh@nrc.gov) is requested by October 9, 2003, 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 submit 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 (October 20, 2003). If you have any questions regarding this information, please call the inspector as soon as possible.

- 1) A detailed schedule of nondestructive examinations planned for Class 1 & 2 systems and containment, performed as part of your ASME Code ISI Program during the scheduled inspection week. This should also include any special nondestructive examinations of core internal components such as the core shroud welds.
- 2) A copy of the procedures used to perform the examinations identified in A.1. For ultrasonic examination procedures qualified in accordance with Appendix VIII, of Section XI of the ASME Code, provide documentation supporting the procedure qualification. This documentation should include the test data identifying the types of defects used in the procedure qualification, the equipment used (cables, probes, transducers including serial numbers) and the Code Edition used for qualification. Additionally, the data supporting the detection and sizing capability of the procedure is to be provided.
- 3) A copy of any ASME Section XI, Code Relief Requests applicable to the examinations identified in A.1.
- 4) A list identifying nondestructive examination reports (ultrasonic, radiography, magnetic particle, dye penetrant, visual (VT-1, VT-2, VT-3)) which have identified relevant indications on Code Class 1 & 2 systems in the past two refueling outages.
- 5) List of welds in Code Class 1, 2 and 3 systems which have been completed since the beginning of the last refueling outage (identify system, weld number and reference applicable documentation).
- 6) For any reactor vessel weld examinations scheduled during the inspection, provide a detailed description of the welds to be examined, extent of the planned examination and a copy of your responses to the NRC, associated with Generic Letter 83-15.
- 7) Identify any non-code repairs (if any) performed on Code Class 1,2, or 3 systems within the last two refueling outages.

- 8) Provide a list with description of ISI related issues (e.g., piping degradation or damage or errors in piping examinations) entered into your corrective action system beginning with the date of the last refueling outage.
- 9) Provide a copy of any 10 CFR Part 21 reports submitted beginning with the date of the last refueling outage.
- 10) Copy of responses to NRC Generic Letter 94-03: INTERGRANULAR STRESS CORROSION CRACKING OF CORE SHROUDS IN BOILING WATER REACTORS and core shroud weld examination schedule.

B. Information to be provided on-site to the inspector at the entrance meeting:

- 1) Updated schedule for item A.1.
- 2) For welds selected by the inspector (A.5 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;
 - c) Applicable Code Edition and Addenda for weldment;
 - d) Applicable Code Edition and Addenda for welding procedures;
 - e) Applicable weld procedures (WPS) used to fabricate the welds;
 - f) Copies of procedure qualification records (PQRs) supporting the WPS on selected welds;
 - g) Copies of mechanical test reports identified in the PQRs above;
 - h) Copies of the nonconformance reports for the selected welds; and
 - i) Radiographs of the selected welds and access to equipment to allow viewing radiographs.
- 3) For the repair/replacement activities selected by the inspector provide a copy of the records of the repair or replacement required by the ASME Code Section XI, Articles IWA -4000 or IWA 7000.
- 4) For the ISI related issues (A.8 above) entered into your corrective action system selected by the inspector provide a copy of the corrective actions and supporting documentation.
- 5) For the nondestructive examination reports (A.4 above) with relevant indications on Code Class 1 & 2 systems selected by the inspector provide a copy of the examination records and associated corrective action documents.
- 6) Copy of the most recent quality assurance department audit, which included the ISI program and activities. Copies of documents resolving findings in this audit.
- 7) For core shroud welds examined within the previous two refueling outages, provide the non-destructive examination records for the core shroud welds inspected.
- 8) Ready access to the Editions of the ASME Code (Sections V, IX and XI) applicable to the inservice inspection program and the repair/replacement program.