



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352
December 17, 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 UNIT 1 MASTER INSPECTION PLAN – CALENDAR YEAR 2014

Dear Mr. Pacilio:

In accordance with U.S. Nuclear Regulatory Commission (NRC) Inspection Manual Chapter (IMC) 2561, "Decommissioning Power Reactor Inspection Program," the NRC Region III staff developed a Master Inspection Plan (MIP) for Dresden Unit 1 for calendar year 2014. The inspection plan is based on current Unit 1 performance and the decommissioning activities planned for the site from January through December 2014. The plan outlines how we intend to focus regional inspection resources to provide oversight of decommissioning activities.

The MIP is based, in part, on your proposed schedule of decommissioning activities for calendar year 2014. As a result, the plan and the focus of NRC inspection resources may change to reflect those activities or your performance. In order to ensure that the MIP remains current, we request that you keep the Materials Control, ISFSI, and Decommissioning Branch (MCID) staff informed of any significant changes in your proposed schedule of decommissioning activities. You will be informed of any changes to our plans for inspections of Dresden Unit -1.

We currently plan to conduct one or two inspections at Dresden Unit 1 during calendar year 2014. The inspection(s) will focus on your self-assessment and corrective action program, radiological controls, radioactive waste processing and other activities related to SAFSTOR. In particular, we anticipate an onsite inspection to coincide with the demolition of Unit-1 outdoor waste storage tanks currently planned for spring 2014. The inspection procedures we plan to utilize for the inspections are as follows:

Inspection Procedure

Title

IP 37801	Safety Reviews, Design Changes and Modifications
IP 40801	Self-Assessment, Auditing and Corrective Action
IP 71801	Decommissioning Performance and Status Review
IP 83750	Occupational Radiation Exposure
IP 84750	Radioactive Waste Treatment, Effluent and Environmental Monitoring

M. Pacilio

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In accordance with Title 10 of the *Code of Federal Regulations* (CFR) 2.390 of the NRC's Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management system (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>.

We will gladly discuss any questions you may have regarding this MIP. If you have questions, please direct them to Mr. Wayne Slawinski at (630) 829-9820.

Sincerely,

/RA/

Robert J. Orlikowski, Chief
Materials Control, ISFSI, and
Decommissioning Branch
Division of Nuclear Materials Safety

Docket No. 050-00010
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