

November 3, 2008

Mr. Charles G. Pardee
Chief Nuclear Officer and
Senior Vice President
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: ZION MASTER INSPECTION PLAN - FISCAL YEAR (FY) 2009

Dear Mr. Pardee:

In accordance with U.S. NRC Inspection Manual Chapter 2561, "Decommissioning Power Reactor Inspection Program," the NRC Region III staff and management have developed a Master Inspection Plan (MIP) for the Zion Station. The plan is based on your current performance and schedule of significant decommissioning activities planned for the site from October 2008 through September 2009 (FY2009). The plan outlines how we intend to focus our Regional inspection resources to address significant ongoing decommissioning activities.

Because the FY2009 MIP is based, in part, on your proposed schedule of significant decommissioning activities for FY2009, the plan and the focus of NRC inspection activities may change to reflect a change in your planned decommissioning activities or your performance. In order to ensure that the FY2009 MIP remains current, we request that you keep the Materials Control, ISFSI, and Decommissioning Branch staff informed of any significant changes in your proposed schedule of decommissioning activities. You will be informed of any significant changes to the Zion FY2009 MIP.

We currently project the Region will conduct two inspections at Zion during FY2009. The inspection will be to observe activities involved in the safety of the spent fuel pool and related SAFESTOR activities. The following is a list of the inspection procedures we expect to use during our inspection. The specific procedures used during the inspection will depend on the specific decommissioning activities being conducted. Additional inspection procedures may be used or inspections conducted if decommissioning activities warrant.

Security and material control and accountability related inspection activities will be addressed in a separate MIP.

<u>Inspection Procedure</u>	<u>Inspection Procedure Title</u>
IP 36801	Organization, Management and Cost Controls
IP 37801	Safety Reviews, Design Changes, and Modifications
IP 40801	Self-Assessment, Auditing, and Corrective Action
IP 60801	Spent Fuel Pool Safety
IP 62801	Maintenance and Surveillance
IP 71801	Decommissioning Performance and Status Review
IP 83750	Occupational Radiation Exposure
IP 84750	Radioactive Waste Treatment, and Effluent and Environmental Monitoring
IP 86750	Solid Radioactive Waste Management and Transportation of Radioactive Materials

In accordance with 10 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 Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

We will gladly discuss any questions you may have regarding these inspection plans. If you have questions, please contact Mr. William Snell of my staff at (630) 829-9871.

Sincerely,
/RA/

Christine Lipa, Chief
Materials Control, ISFSI, and
Decommissioning Branch

Docket Nos. 050-00295, 050-00304
License Nos. DPR-39, DPR-48

cc: Senior Vice President - Zion Nuclear Power Station
Decommissioning Plant Manager - Zion Nuclear Power Station
Regulatory Assurance Engineer - Zion Nuclear Power Station
D. Perrero, Illinois Emergency Management Agency

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Letter to Charles G. Pardee from Christine Lipa dated November 3, 2008

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