

March 20, 2009

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

SUBJECT: NRC INSPECTION REPORT 05000295/2009001(DNMS);
05000304/2009001(DNMS) - ZION NUCLEAR POWER STATION

Dear Mr. Pardee:

On February 19, 2009, the NRC completed an inspection at the permanently shut down Zion Nuclear Station. The inspection examined activities at the facility as they related to safety and compliance with the Commission's rules and regulations. The purpose of the inspection was to determine whether the use and storage of your instrument calibrator was conducted safely and in accordance with 10 CFR Part 20 requirements. Specifically, the inspectors evaluated your compliance with 10 CFR 20.1902, and 10 CFR 20.1801 and 20.1802 during an on-site inspection on February 6, 2009. At the conclusion of the inspection on February 6, and 19, 2009 the NRC inspectors discussed the results with members of your staff.

Based on the results of this inspection, no findings of significance were identified.

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C. Pardee

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We will gladly discuss any questions you may have regarding this inspection.

Sincerely,

/RA/

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

Docket Nos. 05000295, 05000304
License Nos. DPR-39, DPR-48

Enclosure:
Inspection Report 05000295/2009001(DNMS); 05000304/2009001(DNMS)

cc w/encl: D. Riffle, NSIR/DSO/DDSO
State Liaison Officer, State of Illinois
Zion Nuclear Power Station Decommissioning Plant Manager

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Letter to Charles G. Pardee from Christine A. Lipa dated March 20, 2009

SUBJECT: NRC INSPECTION REPORT 05000295/2009001(DNMS);
05000304/2009001(DNMS) - ZION NUCLEAR POWER STATION

cc w/o encl: The Honorable Susan Garrett
Zion Nuclear Power Station Decommissioning Plant Manager
Regulatory Assurance Engineer - Zion
Senior Vice President - Nuclear Services
Vice President of Operations - Mid-West Pressurized Water Reactor
Vice President - Licensing and Regulatory Affairs
Director Licensing and Regulatory Affairs
T. O'Neill, Associate General Counsel
Document Control Desk - Licensing
J. Dale, Bureau Chief, Office of Attorney General
K. Nollenberger, County Administrator
Mayor, City of Zion
State Liaison Officer, Wisconsin
Chairman, Illinois Commerce Commission
D. Perrero, Illinois Emergency Management Agency

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