

SAFEGUARDS INFORMATION

November 29, 2006

Mr. Christopher M. Crane
President and Chief Nuclear Officer
Exelon Nuclear
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: ZION NUCLEAR STATION, UNITS 1 AND 2
NRC PHYSICAL SECURITY INSPECTION REPORT 05000295/2006401(DRS);
05000304/2006401(DRS)

Dear Mr. Crane:

On October 26, 2006, the U.S. Nuclear Regulatory Commission (NRC) completed a baseline security inspection of your Zion Nuclear Station. The inspection covered one or more of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report documents the inspection results, which were discussed on October 26, 2006, with Mr. R. Schuster and other members of your staff.

This inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspector reviewed selected procedures and records, observed activities, and interviewed personnel.

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

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), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the security-related information contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

Exempt from Public Disclosure in accordance with 10 C.F.R. 2.390.

Exemption Number 5

Name and Organization of person making determination:
G.Hansen, RIII/DRS/PSB

Date of Determination 11/15/06

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C. Crane

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Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

/RA/

Kenneth Riemer, Chief
Plant Support Branch
Division of Reactor Safety

No. 50-295; 50-304
License No. DPR-39; DPR-48

Enclosure: Inspection Report 05000295/2006401(DRS);
05000304/2006401(DRS)
w/Attachment
(SAFEGUARDS INFORMATION)

cc w/encl: **(SAFEGUARDS INFORMATION)**
B. Westreich (NSIR/DNS)
NSIR/DNS/RSS/Licensing Assistant
State Liaison Officer

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cc w/o encl: **(SAFEGUARDS INFORMATION)**
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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