

~~OFFICIAL USE ONLY — SECURITY-RELATED INFORMATION~~

July 11, 2011

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: BRAIDWOOD STATION - NRC ISFSI SECURITY INSPECTION REPORT
NOS. 05000456/2011405(DNMS); 05000457/2011405(DNMS); AND
07200073/2011401(DNMS)

Dear Mr. Pacilio:

On June 22, 2011, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection of the Independent Spent Fuel Storage Installation (ISFSI) at the Braidwood Station, Braceville, Illinois. The purpose of the inspection was to evaluate whether the protection of the ISFSI was in compliance with the Braidwood Physical Security Plan (PSP) and the NRC Order EA-2010-050, "Issuance of Order for Implementation of Additional Security Measures and Fingerprinting for Unescorted Access for Braidwood Station Independent Spent Fuel Storage Installation," dated June 9, 2010. At the conclusion of the on-site inspections on March 10, and June 22, 2011, the inspectors discussed the inspection findings with members of your Security, Radiation Protection, and Regulatory Assurance staff.

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 NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. However, because of the security-related discussion 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.

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

Sincerely,

/RA/ by Wayne J. Slawinski
for/

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

Docket No. 050-00456, 050-00457, 072-00073
License No. NPF-72, NPF-77, General License (ISFSI)

Enclosure:

IR 05000456/2011405(DNMS) (Non Public)
IR 05000457/2011405(DNMS) (Non Public)
IR 07200073/2011401(DNMS) (Non Public)

cc w/encl: B. Finlay, Security Manager, Exelon/Braidwood Station
J. Gerrity, Regulatory Assurance Specialist, Exelon/Braidwood Station
J. Klinger, State Liaison Officer,
Illinois Emergency Management Agency

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Letter to Mr. Michael J. Pacilio from Christine A. Lipa dated July 11, 2011

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