

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

June 30, 2010

Mr. Michael Pacilio
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer (CNO), Exelon Nuclear
4300 Winfield Rd.
Warrenville, IL 60555

SUBJECT: LIMERICK GENERATING STATION - NRC MATERIAL CONTROL AND
ACCOUNTING PROGRAM INSPECTION REPORT NO. 05000352/2010405
AND 05000353/2010405

Dear Mr. Pacillo:

On June 17, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Limerick Generating Station Units 1 and 2. The inspection covered one 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 June 17, 2010, with Mr. Peter Gardner, Director of Operations, and other members of your staff.

The 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 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 the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Website 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.

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M. Pacillo

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Sincerely,

/RA/

Raymond J. Powell, Chief
Technical Support and Assessment Branch
Division of Reactor Projects

Docket Nos: 50-352, 50-353
License Nos: NPF-39, NPF-85

Nonpublic Enclosure: NRC Inspection Report 05000352/2010405 and 05000353/2010405
w/Attachment: Supplemental Information
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cc w/encl; w/OUO-SRI

C. Gerdes, Security Manager, Limerick Generating Station, Exelon Nuclear
J. Powers, Director, Office of Homeland Security
D. Allard, Director, Bureau Radiation Protection

cc w/o encl; w/o OUO-SRI Distribution via ListServ

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M. Pacillo

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