



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415**

July 26, 2010

Docket Nos. 05000352
05000353

License Nos. NPF-39
NPF-85

Michael Pacilio
Senior Vice President, Exelon Generation & President and CNO, Exelon Nuclear
Exelon Generating Company LLC
Limerick Generating Station, Units 1 and 2
4300 Winfield Road
Warrenville, IL 60555

**SUBJECT: LIMERICK GENERATING STATION - NRC ISFSI SECURITY INSPECTION
REPORT NOS. 05000352/2010404 AND 05000353/2010404**

Dear Mr. Pacilio:

On June 30, 2010, the U.S. Nuclear Regulatory Commission (NRC) performed an Independent Spent Fuel Storage Installation (ISFSI) security inspection at the Limerick Generating Station, Units 1 and 2 in Sanatoga, Pennsylvania. The inspection covered the NRC's Additional Security Measures (ASMs) for the Physical Protection of Dry Independent Spent Fuel Storage Installations. The enclosed inspection report documents the inspection results, which were discussed with William Maguire, Site Vice President and other members of your organization at the debrief of the NRC's Region I Division of Reactor Safety (DRS) security baseline inspection on July 2, 2010.

The inspection was performed in conjunction with the security baseline inspection that was conducted by representatives of DRS during the week of June 28, 2010. The ISFSI security inspection was a separate inspection from the security baseline inspection. The security baseline inspection will be documented separately in NRC Inspection Report Nos. 05000352/2010402 and 05000353/2010402.

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

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M. Pacilio

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

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In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system, ADAMS. If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.22. Otherwise, mark your entire response "Security-Related Information-Withhold Under 10 CFR 2.390" and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Thank you for your cooperation during this inspection.

Sincerely,



Judith A. Joustra, Chief
Decommissioning Branch
Division of Nuclear Materials Safety

Enclosure:

Inspection Report Nos. 05000352/2010404 and 05000353/2010404 w/Attachment:
Supplemental Information

(CONTAINS OFFICIAL USE ONLY -- SECURITY RELATED INFORMATION) (OUO-SRI)

cc w/encl:

W. McGuire, Site Vice President
Commonwealth of Pennsylvania
C. Gerdes, Manager, Site Security
D. Allard, Director, PA DEP
R. Powers, Director, PA Office of Homeland Security

cc w/o encl w/o OUO-SRI:
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