



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

August 22, 2013

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, UNITS 1 AND 2
TEMPORARY INSTRUCTION 2515/186, "INSPECTION OF PROCEDURES
AND PROCESS FOR RESPONDING TO POTENTIAL AIRCRAFT THREATS";
INSPECTION REPORT NO. 05000456/2013407; 05000457/2013407**

Dear Mr. Pacilio:

On July 26, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at your Braidwood Station, Units 1 and 2 using Temporary Instruction 2515/186, "Inspection of Procedures and Processes for Responding to Potential Aircraft Threats." The enclosed inspection report documents the results of the inspection, which were preliminarily discussed on with Mr. M. Kanabos and other members of your staff.

The objective of this inspection was to assess the implementation procedures and processes of your Braidwood Station that are required by 10 CFR 50.54(hh)(1), that provides the requirements for responding to a potential aircraft threat. The results from this inspection, along with the results from this inspection performed at other operating commercial nuclear plants in the United States, will be used to evaluate the U.S. nuclear industry's readiness to respond safely to similar events. These results will also help the NRC determine whether additional regulatory actions are warranted.

The inspection examined activities conducted under your license as they relate to the implementation of 10 CFR 50.54(hh)(1), your compliance with the Commission's rules and regulations, and with the conditions of your operating licenses. Within these areas, the inspection involved examination of selected procedures and representative records, observations of activities, and interviews with personnel.

Based on results of this inspection, no NRC-identified or self-revealed findings were identified. The single observation was of very low safety significance and was determined not to be a violation of regulatory requirements.

**Enclosure transmitted herewith contains
Sensitive Unclassified Non-Safeguards
Information. When separated from enclosure,
this transmittal document is decontrolled.**

M. Pacilio

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If you contest any finding or the subject in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555-0001, with copies to the Regional Administrator, Region III; the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001; and the NRC Resident Inspector at Braidwood Station.

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 System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, the material enclosed herewith contains Security-Related Information in accordance with 10 CFR 2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosure will not be made available electronically for public inspection in the NRC Public Document Room or from the PARS component of NRC's ADAMS. If you choose to provide a response and Security-Related Information is necessary to provide an acceptable response, please mark your entire response "Security-Related Information – Withhold from public disclosure under 10 CFR 2.390" in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390 (b)(1). In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response.

Should you have any questions regarding this inspection, we will be pleased to discuss the issues with you.

Sincerely,

/RA/

Hironori Peterson, Chief
Operations Branch
Division of Reactor Safety

Docket Nos. 50-456; 50-457
License Nos. DPR-72; DPR-77

Nonpublic Enclosure: Inspection Report 05000456/2013407; 05000457/2013407
w/Attachment: Supplemental Information

cc w/encl: S. Coker, NSIR/DSO/DDSO/ST
R. Albert, NSIR
B. Huffman, NSIR/DPR/DDIR/OB
J. Kozal, NSIR/DPR/DDIR/CB
E. Bowman, NRR/DPR/PGCB
T. Dimitriadis, RI
B. Desai, RII
J. Maynen, RIIL
M. Haire, RIV
J. Klinger, State Liaison Officer,
Illinois Emergency Management Agency

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M. Pacilio

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Letter to Mr. Michael Pacilio from Mr. Hironori Peterson dated August 22, 2013.

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