



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

September 27, 2012

Mr. Michael J. Pacilio
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: BRAIDWOOD STATION, UNITS 1 AND 2
TRIENNIAL FIRE PROTECTION INSPECTION REPORT
05000456/2012404; 05000457/2012404(DRS)

Dear Mr. Pacilio:

On September 7, 2012, the U.S. Nuclear Regulatory Commission (NRC) completed a Triennial Fire Protection Inspection at your Braidwood Station, Units 1 and 2. The enclosed inspection report documents the inspection results, which were discussed on August 24, 2012, with Mr. D. Enright, and on September 7, 2012, with Ms. A. Ferko, and other members of your staff.

The inspection examined activities conducted under your license as they relate to your preparedness to handle large fires or explosions by verifying you continue to meet the requirements of your B.5.b license condition and Title 10, Code of Federal Regulations (CFR) 50.54(hh)(2). The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, one NRC-identified finding of very low safety significance was identified. The finding involved a violation of NRC requirements. However, because of its very low safety significance, and because the issue was entered into your corrective action program, the NRC is treating the issue as a Non-Cited Violation (NCV) in accordance with Section 2.3.2 of the NRC Enforcement Policy.

If you contest the subject or severity of any NCV you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555-0001; with a copy to the Regional Administrator, U.S. Nuclear Regulatory Commission - Region III, 2443 Warrenville Road, Suite 210, Lisle, IL 60532-4352; the Director, Office of Enforcement, U. S. Nuclear Regulatory Commission, Washington, DC 20555-0001; and the Resident Inspector office at the Braidwood Station.

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

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

M. Pacilio

-2-

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.

Sincerely,

/RA/

Robert C. Daley, Chief
Engineering Branch 3
Division of Reactor Safety

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

Non-Public Enclosure: Inspection Report 05000456/2012404; 05000457/2012404(DRS)
w/Attachment: Supplemental Information

cc w/encl: S. Coker, NSIR/DSO/DDSO/ST
R. Albert, NSIR
T. Dimitriadis, RI
B. Desai, RII
M. Hay, RIV
B. Finlay, Braidwood Station Security Manager
J. Klinger, State Liaison Officer,
Illinois Emergency Management Agency

cc w/o encl: Distribution via ListServ™

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

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

M. Pacilio

-2-

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.

Sincerely,

/RA/

Robert C. Daley, Chief
Engineering Branch 3
Division of Reactor Safety

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

Non-Public Enclosure: Inspection Report 05000456/2012404; 05000457/2012404(DRS)
w/Attachment: Supplemental Information

cc w/encl: S. Coker, NSIR/DSO/DDSO/ST
R. Albert, NSIR
T. Dimitriadis, RI
B. Desai, RII
M. Hay, RIV
B. Finlay, Braidwood Station Security Manager
J. Klinger, State Liaison Officer,
Illinois Emergency Management Agency

cc w/o encl: Distribution via ListServ™

DISTRIBUTION:
See next page

DOCUMENT NAME:G:\DRSIII\DRS\Work in Progress\BRA 2012 404 OUO - Cover Letter DXS4.docx

Publicly Available Non-Publicly Available Sensitive Non-Sensitive

To receive a copy of this document, indicate in the concurrence box "C" = Copy without attach/encl "E" = Copy with attach/encl "N" = No copy

OFFICE	RIII	RIII							
NAME	DSzwarc:ls	RDaley							
DATE	09/24/12	09/27/12							

OFFICIAL RECORD COPY

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

Letter to Mr. Michael J. Pacilio from Mr. Robert C. Daley dated September 27, 2012.

SUBJECT: BRAIDWOOD STATION, UNITS 1 AND 2
TRIENNIAL FIRE PROTECTION INSPECTION REPORT
05000456/2012404(DRS); 05000457/2012404(DRS)

DISTRIBUTION w/o encl:

Silas Kennedy

RidsNrrDorlLpl3-2 Resource

RidsNrrPMBraidwood Resource

RidsNrrDirslrib Resource

Chuck Casto

Cynthia Pederson

Steven Orth

Jared Heck

Allan Barker

DRPIII

DRSIII

Christine Lipa

Carole Ariano

Linda Linn

Patricia Buckley

Tammy Tomczak

ROPreports.Resource@nrc.gov

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