



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

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

December 5, 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, UNITS 1 AND 2 - NRC MATERIAL CONTROL AND  
ACCOUNTING PROGRAM INSPECTION REPORT 05000456/2011406;  
05000457/2011406

Dear Mr. Pacilio:

On November 21, 2011, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Braidwood 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 results of this inspection, which were discussed on November 21, 2011, with Ms. M. Marchionda-Palmer, Operations Manager, 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, and interviewed personnel.

Based on the results of this inspection, no NRC identified or self-revealing findings were identified during this inspection. However, a licensee-identified violation, which was determined to be of very low safety significance, is documented in this report. This violation is being treated as a Non-Cited Violation (NCV), consistent with Section 2.3.2 of the Enforcement Policy.

If you contest the violation or significance of the NCV, 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 Inspectors 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~~**

~~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 (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, 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 NRC's document system (ADAMS). If Security-Related Information is necessary to provide an acceptable response, please mark your entire response Security-Related Information 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/

Eric R. Duncan, Chief  
Branch 3  
Division of Reactor Projects

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

Nonpublic Enclosure: Inspection Report 05000456/2011406; 05000457/2011406  
w/Attachment: Supplemental Information

cc w/encl: S. Coker, NSIR/DSO/DDSO/ST  
R. Albert, NSIR  
C. Johnson, NSIR  
J. Trapp, Region I  
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 (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, 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 NRC's document system (ADAMS). If Security-Related Information is necessary to provide an acceptable response, please mark your entire response Security-Related Information 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/**

Eric R. Duncan, Chief  
Branch 3  
Division of Reactor Projects

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

Nonpublic Enclosure: Inspection Report 05000456/2011406; 05000457/2011406  
w/Attachment: Supplemental Information

cc w/encl: S. Coker, NSIR/DSO/DDSO/ST  
R. Albert, NSIR  
C. Johnson, NSIR  
J. Trapp, Region I  
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

DOCUMENT NAME: G:\DRPIII\BRAIN\BRA MCA 2011 406 DRP OUO.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	RNg:dtp		EDuncan				
DATE	12/02/11		12/05/11				

**OFFICIAL RECORD COPY**

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

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

Letter to M. Pacilio from E. Duncan dated December 5, 2011.

SUBJECT: BRAIDWOOD STATION, UNITS 1 AND 2 - NRC MATERIAL CONTROL AND  
ACCOUNTING PROGRAM INSPECTION REPORT 05000456/2011406;  
05000457/2011406

DISTRIBUTION w/o encl:

RidsNrrDorLpl3-2 Resource

Amy Snyder

RidsNrrPMBraidwood Resource

RidsNrrDirslrib Resource

Cynthia Pederson

Jennifer Uhle

Steven Orth

Jared Heck

Allan Barker

DRPIII

DRSIII

Carole Ariano

Linda Linn

Patricia Buckley

Tammy Tomczak

[ROPreports Resource](#)

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