



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

December 17, 2014

Mr. Michael J. Pacilio
Senior VP, Exelon Generation Co., LLC
President and CNO, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: BRAIDWOOD STATION, UNITS 1 AND 2–NRC MATERIAL CONTROL AND
ACCOUNTING INSPECTION REPORT 05000456/2014405; 05000457/2014405

Dear Mr. Pacilio:

On November 19, 2014, 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 with Ms. M. Marchionda, Plant 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 findings were identified during this inspection.

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.htm (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

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

M. Pacilio

-2-

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,

/John Jandovitz Acting for/

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

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

Nonpublic Enclosure:
IR 05000456/2014405; 05000457/2014405
w/Attachment: Supplemental Information

cc w/encl: N. Simonian, NSIR/DSO/DDSO/ST
E. Wharton, NSIR
T. Dimitriadis, RI
B. Desai, RII
M. Haire, RIV

cc w/o encl: Distribution via LISTSERV®

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

M. Pacilio

-2-

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,

/John Jandovitz Acting for/

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

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

Nonpublic Enclosure:
IR 05000456/2014405; 05000457/2014405
w/Attachment: Supplemental Information

cc w/encl: N. Simonian, NSIR/DSO/DDSO/ST
E. Wharton, NSIR
T. Dimitriadis, RI
B. Desai, RII
M. Haire, RIV

cc w/o encl: Distribution via LISTSERV®

DISTRIBUTION w/o encl:
See next page

DOCUMENT NAME: ML14351A183

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						
NAME	RNg:mt	JJandovitz for EDuncan					
DATE	12/16/14	12/17/14					

OFFICIAL RECORD COPY

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

Letter to Michael Pacilio from Eric Duncan dated December 17, 2014

SUBJECT: BRAIDWOOD STATION, UNITS 1 AND 2–NRC MATERIAL CONTROL AND
ACCOUNTING INSPECTION REPORT 05000456/2014405; 05000457/2014405

DISTRIBUTION w/o encl:

Kimyata MorganButler
RidsNrrDorLpl3-2 Resource
RidsNrrPMBraidwood Resource
RidsNrrDirslrib Resource
Cynthia Pederson
Darrell Roberts
Eric Duncan
Allan Barker
DRPIII
DRSIII
Carole Ariano
Linda Linn
Jim Clay
Carmen Olteanu
ROPreports.Resource@nrc.gov

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