



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

May 14, 2015

Mr. Bryan C. Hanson  
Senior VP, Exelon Generation Company, LLC  
President and CNO, Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: BYRON STATION, UNITS 1 AND 2; NRC SECURITY BASELINE INSPECTION  
REPORT 05000454/2015403; 05000455/2015403

Dear Mr. Hanson:

On April 3, 2015, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection, at your Byron Station, Units 1 and 2. The inspection covered one or more of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report documents the inspection results, which were discussed on April 3, 2015, with Mr. R. Kearney 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 inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

The NRC inspectors documented one finding of very low safety significance (Green) in this report. The finding involved a violation of NRC requirements. The NRC is treating this violation as a Non-Cited Violation (NCV) consistent with Section 2.3.2.a. 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 of your denial, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001; with copies to the Regional Administrator, Region III; the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; and the NRC Resident Inspector at the Byron Station, Units 1 and 2.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC's 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 Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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

B. Hanson

-2-

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 concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

*/RA/*

Steven K. Orth, Chief  
Plant Support Branch  
Division of Reactor Safety

Docket Nos. 50-454; 50-455  
License Nos. NPF-37; NPF-66

Nonpublic Enclosure:  
IR 05000454/2015403; 05000455/2015403  
w/Attachment: Supplemental Information

cc w/encl: N. Simonian, NSIR/DSO/DDSO/ST  
E. Wharton, NSIR  
T. Dimitriadis, RI  
B. Desai, RII  
C. Pederson, RIII  
D. Roberts, RIII  
M. Haire, RIV  
G. Armstrong, Byron 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~~

B. Hanson

-2-

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 concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

*/RA/*

Steven K. Orth, Chief  
Plant Support Branch  
Division of Reactor Safety

Docket Nos. 50-454; 50-455  
License Nos. NPF-37; NPF-66

Nonpublic Enclosure:  
IR 05000454/2015403; 05000455/2015403  
w/Attachment: Supplemental Information

cc w/encl: N. Simonian, NSIR/DSO/DDSO/ST  
E. Wharton, NSIR  
T. Dimitriadis, RI  
B. Desai, RII  
C. Pederson, RIII  
D. Roberts, RIII  
M. Haire, RIV  
G. Armstrong, Byron Station Security Manager  
J. Klinger, State Liaison Officer,  
Illinois Emergency Management Agency

cc w/o encl: Distribution via LISTSERV®

DISTRIBUTION w/o encl:  
See next page

ADAMS Accession Number ML15134A488

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	RIII	RIII
NAME	KAnderson:jw	DFunk	SOrth	
DATE	05/07/15	05/05/15	05/14/15	

**OFFICIAL RECORD COPY**

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

Letter to Mr. Bryan C. Hanson from Mr. Steven K. Orth dated May 14, 2015

SUBJECT: BYRON STATION, UNITS 1 AND 2; NRC SECURITY BASELINE INSPECTION  
REPORT 05000454/2015403; 05000455/2015403

DISTRIBUTION w/o encl:

Kimyata MorganButler  
RidsNrrDorlLpl3-2 Resource  
RidsNrrPMByron Resource  
RidsNrrDirslrib Resource  
Richard Skokowski  
Allan Barker  
Carole Ariano  
Linda Linn  
DRPIII  
DRSIII  
Jim Clay  
Carmen Olteanu  
[ROPreports.Resource@nrc.gov](mailto:ROPreports.Resource@nrc.gov)

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