



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

November 19, 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 05000454/2015406; 05000455/2015406

Dear Mr. Hanson:

On October 29, 2015, the U.S. Nuclear Regulatory Commission (NRC) completed a security 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 October 29, 2015, with Mr. T. Chalmers 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, observed activities, and interviewed personnel.

No findings were identified during this inspection.

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).

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.

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

B. Hanson

-2-

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

*/RA Richard Skokowski Acting for/*

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 05000454/2015406; 05000455/2015406  
w/Attachment: Supplemental Information

cc w/encl: 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-

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

*/RA Richard Skokowski Acting for/*

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 05000454/2015406; 05000455/2015406  
w/Attachment: Supplemental Information

cc w/encl: G. Armstrong, Byron Station  
Security Manager  
J. Klinger, State Liaison Officer,  
Illinois Emergency  
Management Agency

DISTRIBUTION w/encl:

N. Simonian, NSIR/DSO/DDSO/ST  
E. Wharton, NSIR  
R. McKinley, RI  
B. Desai, RII  
C. Pederson, RIII  
D. Roberts, RIII  
M. Haire, RIV

cc w/o encl: Distribution via LISTSERV®

DISTRIBUTION w/o encl:

Janelle Jessie  
RidsNrrDorLpl3-2 Resource  
RidsNrrPMBByron Resource  
RidsNrrDirSrib Resource  
Richard Skokowski

Allan Barker  
Carole Ariano  
Linda Linn  
DRPIII  
DRSIII

Jim Clay  
Carmen Olteanu  
[ROPreports.Resource@nrc.gov](mailto:ROPreports.Resource@nrc.gov)

ADAMS Accession Number ML15327A206

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	JMaynen:jw		JMaynen for DFunk		RSkokowski for SOrth			
DATE	11/19/15		11/19/15		11/19/15		/ /	

OFFICIAL RECORD COPY