



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

February 3, 2016

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 EMERGENCY PREPAREDNESS  
ANNUAL INSPECTION REPORT NO. 05000454/2015501; 05000455/2015501

Dear Mr. Hanson:

On December 31, 2015, the U.S. Nuclear Regulatory Commission (NRC) staff completed its annual inspection of the Emergency Preparedness Program at the Byron Station, Units 1 and 2. This inspection began on January 1, 2015. Issuance of this letter closes Inspection Report Number 2015501. Some of the time NRC expended during routine Emergency Preparedness Program reviews was charged to this report number. Any observations and findings in these areas were provided to you via separate correspondence.

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).

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

cc: Distribution via LISTSERV®

February 3, 2016

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 EMERGENCY PREPAREDNESS  
ANNUAL INSPECTION REPORT NO. 05000454/2015501; 05000455/2015501

Dear Mr. Hanson:

On December 31, 2015, the U.S. Nuclear Regulatory Commission (NRC) staff completed its annual inspection of the Emergency Preparedness Program at the Byron Station, Units 1 and 2. This inspection began on January 1, 2015. Issuance of this letter closes Inspection Report Number 2015501. Some of the time NRC expended during routine Emergency Preparedness Program reviews was charged to this report number. Any observations and findings in these areas were provided to you via separate correspondence.

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).

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

cc: Distribution via LISTSERV®

DISTRIBUTION:  
See next page

ADAMS Accession Number ML16034A577

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	MGarza for GHansen:jw		DFunk		SOrth		
DATE	01/27/16		02/03/16		02/03/16		

**OFFICIAL RECORD COPY**

Letter to Mr. Bryan C. Hanson from Mr. Steven K. Orth dated February 3, 2016

SUBJECT: BYRON STATION, UNITS 1 AND 2 – NRC EMERGENCY PREPAREDNESS  
ANNUAL INSPECTION REPORT NO. 05000454/2015501; 05000455/2015501

DISTRIBUTION:

Kimyata MorganButler  
RidsNrrDorLpl3-2 Resource  
RidsNrrPMByron Resource  
RidsNrrDirslrib Resource  
Cynthia Pederson  
Darrell Roberts  
Richard Skokowski  
Allan Barker  
Carole Ariano  
Linda Linn  
DRPIII  
DRSIII  
Jim Clay  
Carmen Olteanu  
[ROPreports.Resource@nrc.gov](mailto:ROPreports.Resource@nrc.gov)