

SAFEGUARDS INFORMATION

September 19, 2016

Mr. Mark Kanavos, Site Vice President
Exelon Generation Company, LLC
Byron Station
4450 North German Church Road
Byron, IL 61010-9794

SUBJECT: BYRON STATION - NRC SECURITY INSPECTION REPORT
05000454; 455/2016201

Dear Mr. Kanavos:

On August 5, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at Byron Station. On August 18, 2016, the NRC inspectors discussed results of this inspection with Mr. Thomas Chalmers, Plant Manager, and other members of your staff. The results of this inspection are documented in the enclosed inspection report.

NRC inspectors documented one finding of very low security significance (Green) in this report. This 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 this violation or the significance of this NCV, you should provide a response within 30 days of the date of this inspection report, with the basis for 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 Nuclear Security and Incident Response; the Director, Office of Enforcement; and the NRC resident inspector at Byron Station.

If you disagree with a cross-cutting aspect assignment or a finding not associated with a regulatory requirement in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, 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 Nuclear Security, and Incident Response; and the NRC resident inspector at Byron Station.

<p>The enclosure transmitted herewith contains Safeguards Information. When separated from the enclosure, this transmittal document is decontrolled.</p>

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M. Kanavos

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This letter will be available for public inspection at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public Inspections, Exemptions, Request for Withholding."

The enclosed report contains Safeguards Information as defined by 10 CFR 73.21, "Protection of Safeguards Information: Performance Requirements," and its disclosure to unauthorized individuals is prohibited by Section 147 of the Atomic Energy Act of 1954, as amended. Therefore, the material enclosed report will not be made publicly available. If you choose to provide a response that contains Safeguards Information, please provide the level of protection described in 10 CFR 73.21. Otherwise, if you choose to provide a response that contains Security-Related Information, 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,

/RA/

Joseph Willis, Chief (Acting)
Security Performance Evaluation Branch
Division of Security Operations
Office of Nuclear Security and Incident Response

Docket Nos. 50-454, 05-455
License Nos. NPF-37, NPF-66

Nonpublic Enclosure: Inspection Report 05000454; 455/2016201
w/Attachments: Supplemental Information

cc w/ enclosure: M. Kanavos, G. Armstrong

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