

Exelon Generation Company, LLC www.exeloncorp.com
Byron Station
4450 North German Church Road
Byron, IL 61010-9794

April 26, 2013

LTR: BYRON 2013-0054
File 1.10.0101
2.12.1522

10 CFR 50.36a

United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Byron Station, Units 1 and 2
Facility Operating License Nos. NPF-37 and NPF-66
NRC Docket Nos. STN 50-454 and STN 50-455

Subject: 2012 Annual Radioactive Effluent Release Report

Enclosed is the Annual Radioactive Effluent Release Report for Byron Station. This report is being submitted in accordance with 10 CFR 50.36 a(2), "Technical specifications on effluents from nuclear power reactors," and includes a summary of radiological liquid and gaseous effluents and solid waste released from the site from January 2012 through December 2012. There were two ODCM revisions in 2012. We are enclosing revisions 8 and 9 of the Byron Station Offsite Dose Calculation Manual (ODCM), and the ODCM Change Determination document and the ODCM Change Logs.

if you have any questions regarding this information, please contact David T. Gudger, Regulatory Assurance Manager, at (815) 406-2800.

Respectfully,



Faber A. Kearney
Site Vice President
Byron Nuclear Generating Station

FAK/JG/TH/cy

Attachments:

- Annual Radioactive Effluent Release Report
- ODCM Revs 8 & 9 Change Document summary
- CY-BY-170-301 Revs 8 & 9 (ODCM Revs 8 & 9)
- ODCM Revs 8 & 9 Change Logs

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