

Exelon Generation Company, LLC
Dresden Nuclear Power Station
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May 15, 2007

SVPLTR # 07-0025

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Dresden Nuclear Power Station, Units 1, 2, and 3
Facility Operating License No. DPR-2
Renewed Facility Operating License Nos. DPR-19 and DPR-25
NRC Docket Nos. 50-010, 50-237, and 50-249

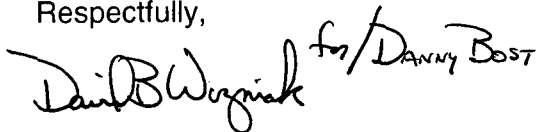
Subject: 2006 Annual Radiological Environmental Operating Report

Attachment A to this letter provides the 2006 Annual Radiological Environmental Operating Report for the Dresden Nuclear Power Station (DNPS), Units 1, 2, and 3. Exelon Generation Company, LLC (EGC) is submitting this report in accordance with DNPS, Unit 1 Technical Specification (TS), 6.9.A.3, "Annual Radiological Environmental Operating Report," and DNPS Units 2 and 3 TS 5.6.2, "Annual Radiological Environmental Operating Report." This report provides the results of the radiological environmental and meteorological monitoring programs for the 2006 calendar year.

Additionally, Attachment B to this letter provides the results of DNPS groundwater monitoring activities that were conducted in accordance with the EGC Radiological Groundwater Protection Program, which is a voluntary program implemented in 2006. This information is being reported in accordance with a nuclear industry initiative.

Should you have any questions concerning this letter, please contact James Ellis, Regulatory Assurance Manager, at (815) 416-2800.

Respectfully,

 for Danny Bost

Danny Bost
Site Vice President
Dresden Nuclear Power Station

Attachment A - Annual Radiological Environmental Operating Report
Attachment B - Annual Radiological Groundwater Protection Program Report

cc: Regional Administrator - NRC Region III
NRC Senior Resident - Dresden Nuclear Power Station

IE25
NMSS01

bcc: Director, Licensing – Mid-West Regional Operating Group
Plant Manager – Dresden Nuclear Power Station
Regulatory Assurance Manager – Dresden Nuclear Power Station
Regulatory Assurance Manager – Quad Cities Nuclear Power Station
Site Engineering Director – Dresden Nuclear Power Station
Project Manager- NRR (Unit 2/3)
Manager, Licensing – Clinton/Dresden/Quad Cities Nuclear Power Stations
NRC Coordinator – Dresden Nuclear Power Station
Illinois Emergency Management Agency – Division of Nuclear Safety
Manager of Energy Practice - Winston and Strawn
Mid-West Regional Operating Group Document Control Desk – Licensing
Dresden Nuclear Power Station Regulatory Assurance SVP LTR File
SVP Numerical File – SVPLTR # 07-0025
REMP Coordinator – Dresden Nuclear Power Station (J. Kalb)