Limerick Generating Station   www.exeloncorp.com
3146 Sanatoga Road
Pottstown, PA 19464

Nuclear

T.S. 6.9.1.8

April 30, 2009

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

> Limerick Generating Station, Unit 1 and 2
> Facility Operating License Nos. NPF-39 and NPF-85
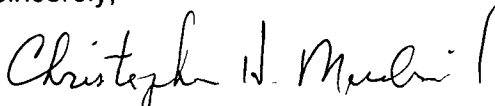> NRC Docket Nos. 50-352 and 50-353

Subject: 2008 Annual Radioactive Effluent Release Report

In accordance with Section 6.9.1.8 of Limerick Generating Station (LGS) Technical Specifications and Section 6.2 of the Offsite Dose Calculation Manual, attached is the 2008 Annual Radioactive Effluent Release Report No. 34 for LGS. Revision 24 of the Limerick Offsite Dose Calculation Manual is also attached since it has been changed since the 2007 Annual Radioactive Effluent Release Report.

There are no commitments contained in this letter.

If you have any questions or require additional information, please do not hesitate to contact us.

Sincerely,

Christopher H. Mudrick
Vice President-LGS
Exelon Generation Company, LLC

Attachments: 1. 2008 Annual Radioactive Effluent Release Report No. 34 for LGS
              2. CY-LG-170-301, Rev 24 Limerick Offsite Dose Calculation Manual

cc: S. Collins, Administrator, Region I, USNRC (w/Attachments)
         E. DiPaolo, LGS USNRC Senior Resident Inspector (w/Attachments)
         T. Moslak, Inspector Region I, USNRC (w/Attachments)
         USNRC Document Desk, Washington, DC (w/Attachments)
         E. Thorton-Jones-US EPA, Office of Radiation and Indoor Air, Radiation
         Protection Division, Center of Waste Management, 1200 Pennsylvania Ave. MC
         6608J, Washington, D.C.20460 (w/Attachments)

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NRR

bcc: P. Cowan - KSA 3P (w/o Attachments)
J. Grimes – KSA-3N (w/o Attachments)
C. Mudrick - GML 5-1 (w/o Attachments)
E. Callan-GML 5-1(w/o Attachments)
D. Helker - KSA 3P (w/o Attachments)
D. Dicello - GML 1-1 (w/Attachments)
R. Kreider - SSB 2-4 (w/Attachments)
J. Toro - SMB 1-2 (w/Attachments)
D. Wahl – SSB 2-3 (w/Attachments)
S. Mitten - SSB 2-2 (w/Attachments)
D. Eisenhut – NSRB (w/Attachments)
D. Dyckman - PADEP BRP (w/Attachments)
S. Focht – ANI (w/Attachments)