

Peach Bottom Atomic Power Station www.exeloncorp.com
1848 Lay Road
Delta, PA 17314

April 27, 2009

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

Subject: Peach Bottom Atomic Power Station Units 2 and 3
 Independent Spent Fuel Storage Installation (ISFSI)
 Facility Operating License DPR-44 and DPR-56
 NRC Docket 50-277 and 50-278 and ISFSI Docket 72-29

Radioactive Effluent Release Report 51
January 1, 2008 through December 31, 2008

Enclosed is the Radioactive Effluent release Report 51, January 1, 2008, through December 31, 2008, for Peach Bottom Atomic Power Station Units 2 and 3.

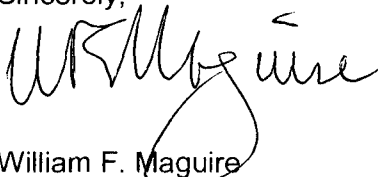
This report is being submitted in compliance with 10CFR50.36a (2) and the technical Specifications of Operating Licenses DPR-44 and DPR-56, and to fulfill the requirements of ODCM 3.10.2. Additionally, this report is submitted to satisfy annual effluent reporting requirements for the ISFSI required by the Offsite Dose Calculation manual (ODCM).

There were revisions made to the ODCM for the 2008 reporting period.

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,



William F. Maguire
Site Vice President,
Peach Bottom Atomic Power Station

WFM/LJL/MHT/bcb

Enclosure (2)

ccn 09-03

cc: S. J. Collins, Administrator, Region I, USNRC
 G. F. Wunder, Project Manager, USNRC
 F. Bower, USNRC Senior Resident Inspector, PBAPS A4

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