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December 17, 2004

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

Peach Bottom Atomic Power Station, Units 2 & 3
Facility Operating License Nos. DPR-44 and DPR-56
NRC Docket Nos. 50-277 and 50-278

Subject: Supplement to the Request for License Amendments Related to Application of
Alternative Source Term, dated July 14, 2003

References: (1) Letter from M. P. Gallagher (Exelon Generation Company, LLC) to US NRC,
dated July 14, 2003
(2) Letter from G. F. Wunder (U. S. Nuclear Regulatory Commission) to J. L.
Skolds (Exelon Generation Company, LLC), dated June 29, 2004

On December 8, 2004, Exelon responded to the Reference (2) Request for Additional Information for the Peach Bottom Atomic Power Station Alternative Source Term (AST) License Amendment Request (LAR) (Reference (1)). As part of the response, Exelon identified three questions which could not be fully answered at the time of the response. Two of those questions could not be answered because the response required the finalized results of the Peach Bottom Main Control Room Tracer Gas Test. This test has been performed; however, the results are not yet finalized. The third question requires additional review by corporate and station engineering.

Exelon expects to receive the final results of the Tracer Gas Test, perform the necessary reviews for all three questions, and provide a complete response to the NRC in writing by January 24, 2005.

If you have any questions or require additional information, please contact Doug Walker at (610) 765-5726.

Respectfully,



David P. Helker, Manager
Licensing and Regulatory Affairs
Exelon Generation Company, LLC

cc: S. J. Collins, Regional Administrator, Region I, USNRC
USNRC Senior Resident Inspector, PBAPS
G. F. Wunder, Project Manager [PBAPS] USNRC
R. R. Janati - Commonwealth of Pennsylvania