Mr. Michael J. Pacilio  
Senior Vice President, Exelon Generation Company, LLC  
President and Chief Nuclear Officer, Exelon Nuclear  
4300 Winfield Rd.  
Warrenville, IL 60555

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION  
NRC EMERGENCY PREPAREDNESS ANNUAL INSPECTION REPORT  
NOS. 05000277/2011501 AND 05000278/2011501

Dear Mr. Pacilio:

On December 31, 2011, the NRC staff completed its annual inspection of the Emergency Preparedness Program at Peach Bottom Atomic Power Station. This inspection began on January 1, 2011. Issuance of this letter closes Inspection Reports 05000277/2011501 and 05000278/2011501. Inspection activities charged to these reports include conducting mid-cycle/end of cycle assessment activities, responding to technical questions from resident inspectors or licensee personnel, and resident baseline inspection. Any observations and findings in this area were provided to you via separate correspondence.

In accordance with 10 CFR 2.390 of the NRC's Rules of Practice, a copy of this letter, and your response, if any, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Sincerely,

James M. Trapp, Chief  
Plant Support Branch 1  
Division of Reactor Safety

Docket Nos. 50-277, 50-278  
License Nos. DPR-44, DPR-56

cc: Distribution via ListServ
Mr. Michael J. Pacilio  
Senior Vice President, Exelon Generation Company, LLC  
President and Chief Nuclear Officer, Exelon Nuclear  
4300 Winfield Rd.  
Warrenville, IL  60555  

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION  
NRC EMERGENCY PREPAREDNESS ANNUAL INSPECTION REPORT  
NO. 05000277/2011501 AND 05000278/2011501  

Dear Mr. Pacilio:  

On December 31, 2011, the NRC staff completed its annual inspection of the Emergency Preparedness Program at Peach Bottom Atomic Power Station. This inspection began on January 1, 2011. Issuance of this letter closes Inspection Reports 05000277/2011501 and 05000278/2011501. Inspection activities charged to these reports include conducting mid-cycle/end of cycle assessment activities, responding to technical questions from resident inspectors or licensee personnel, and resident baseline inspection. Any observations and findings in this area were provided to you via separate correspondence.  

In accordance with 10 CFR 2.390 of the NRC's Rules of Practice, a copy of this letter, and your response, if any, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).  

Sincerely,  

/R A/  

James M. Trapp, Chief  
Plant Support Branch 1  
Division of Reactor Safety  

Docket Nos.  50-277, 50-278  
License Nos. DPR-44, DPR-56  

cc: Distribution via ListServ
M. Pacilio

c:
J. Kovalchick, Manager, Site Security
D. Allard, Director, PA DEP
T. Levering, MD Emergency Response Director
G. Cannon, Director, PA Emergency Management Agency (PEMA) and
   Office of Homeland security Advisor
A. Lauland, Director, MD Office of Homeland Security
D. Hammons, RAC Chair, FEMA Region III
Distribution:
W. Dean, RA (R1ORAMAIL Resource)
D. Lew, DRA (R1ORAMAIL Resource)
J. Clifford, DRP (R1DRPMAIL Resource)
J. Trapp, DRP (R1DRPMAIL Resource)
C. Miller, DRS (R1DRSMail Resource)
P. Wilson, DRS (R1DRSMail Resource)
P. Krohn, DRP
A. Rosebrook, DRP
S. Ibarrola, DRP
E. Miller, DRP
S. Hansell, DRP, SRI
A. Ziedonis, DRP, RI
S. Schmitt, DRP, AA
L. Chang, RI OEDO
RidsNrrPMPeachBottom Resource
RidsNrrDoriLpl1-2 Resource
ROPreports Resource
R. Kahler, NSIR/EPD
S. LaVie, NSIR/EPD
D. Caron, DRS
C. Crisden, DRS
D. Bearde, DRS