

May 2, 2016

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

Peach Bottom Atomic Power Station, Unit 1  
Facility Operating [Possession-Only] License No. DPR-12  
NRC Docket No. 50-171

Subject: Peach Bottom Atomic Power Station, Unit 1  
Updated Final Safety Analysis Report (UFSAR) Biennial Revision

In accordance with 10 CFR 50.71(e)(4) and 10 CFR 50.4(b)(6) Exelon Generation Company, LLC (Exelon) is submitting this letter regarding the status of the Updated Final Safety Analysis Report (UFSAR) for Peach Bottom Atomic Power Station (PBAPS), Unit 1.

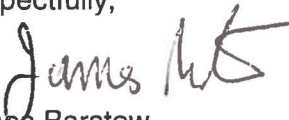
By letter dated April 30, 2014, Exelon submitted Revision 8 of the UFSAR for PBAPS Unit 1 in accordance with the requirements of 10 CFR 50.71(e)(4) and 10 CFR 50.4(b)(6). Revision 8 of the PBAPS Unit 1 UFSAR was provided to the NRC electronically on CD-ROM and was submitted in entirety in PDF format.

Since the submittal of Revision 8 of the PBAPS Unit 1 UFSAR in April 2014, there have been no additional changes processed for Unit 1 during the biennial updating period (i.e., April 2014 to April 2016). Therefore, Revision 8 of the PBAPS Unit 1 UFSAR remains the most current revision and no updating was necessary in support of this submittal. Therefore, this letter is intended to satisfy the 10 CFR 50.71(e)(4) reporting requirements for the biennial updating of the PBAPS Unit 1 UFSAR.

As required by 10 CFR 50.71(e)(2)(i), I certify that to the best of my knowledge, the information contained in this letter accurately reflects information and analyses submitted to the NRC, or prepared pursuant to NRC requirements as described above.

If you have any questions or require further information, please contact Richard Gropp at (610) 765-5557.

Respectfully,



James Barstow  
Director, Licensing and Regulatory Affairs  
Exelon Generation Company, LLC

cc: NRC Regional Administrator - NRC Region I  
NRC Senior Resident Inspector - PBAPS  
NRC Project Manager, NRR - PBAPS  
R. R. Janati, Commonwealth of Pennsylvania  
S. T. Gray, State of Maryland