



Exelon Generation®

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10 CFR 50.54(q)(5)
10 CFR 50.4
10 CFR 72.44(f)

September 14, 2016

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

Peach Bottom Atomic Power Station, Units 1, 2, and 3
Facility Operating [Possession Only] License No. DPR-12
Renewed Facility Operating License Nos. DPR-44 and DPR-56
NRC Docket Nos. 50-171, 50-277, 50-278, and 72-79

Subject: Exelon Nuclear Radiological Emergency Plan Addendum Revision

In accordance with 10 CFR 50.4(b)(5), "Emergency Plan and related submissions," Exelon Generation Company, LLC (Exelon) is submitting an Emergency Plan Addendum revision for Peach Bottom Atomic Power Station (PBAPS) as listed in the table below.

Document	Revision	Title
EP-AA-1007, Addendum 3	4	<i>Emergency Action Levels for Peach Bottom Atomic Power Station</i>

The changes to the Emergency Plan Addendum were evaluated under the requirements of 10 CFR 50.54(q) and were determined not to result in a reduction in the effectiveness of the Emergency Plan for PBAPS. This notification is being submitted within 30 days of implementation of the changes as required by 10 CFR 50.54(q)(5). The changes continue to meet the applicable planning standards established in 10 CFR 50.47(b) and 10 CFR 50, Appendix E.

In addition, as required by 10 CFR 50.54(q)(5), this submittal includes a summary analysis of the changes to the Emergency Plan Addendum (Attachment 1).

This submittal also satisfies the reporting requirements associated with 10 CFR 72.44(f), which stipulates that within six months after any change is made to the Emergency Plan, the licensee shall submit a report containing a description of the changes to the Director, Division of Spent Fuel Storage and Transportation.

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A copy of the revised Emergency Plan Addendum and supporting change summary analysis are included in the attachments to this letter.

There are no regulatory commitments in this submittal.

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

Respectfully,



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

Attachments: 1) 10 CFR 50.54(q)(5) Procedure Change Summary Analysis
2) EP-AA-1007, Addendum 3, Revision 4, *"Emergency Action Levels for Peach Bottom Atomic Power Station"*

cc: w/ Attachment 1 only

Regional Administrator - NRC Region I
Director, NRC Division of Spent Fuel Storage and Transportation, ONMSS
NRC Senior Resident Inspector - Peach Bottom Atomic Power Station
NRC Project Manager, NRR - Peach Bottom Atomic Power Station
Director, Bureau of Radiation Protection - Pennsylvania Department of
Environmental Resources
R. R. Janati, Commonwealth of Pennsylvania