



10 CFR 50.90

June 20, 2014

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

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

Subject: Extended Power Uprate License Amendment Request – Supplement 28  
Supplemental Information

Reference: 1. Exelon letter to the NRC, "License Amendment Request - Extended Power Uprate," dated September 28, 2012 (ADAMS Accession No. ML122860201)

2. Exelon letter to the NRC, "Extended Power Uprate License Amendment Request – Supplement 26," dated May 6, 2014 (ADAMS Accession No. ML14127A480)

3. Exelon letter to the NRC, "Extended Power Uprate License Amendment Request – Supplement 27," dated June 5, 2014 (ADAMS Accession No. ML14160A699)

In accordance with 10 CFR 50.90, Exelon Generation Company, LLC (EGC) requested amendments to Renewed Facility Operating License Nos. DPR-44 and DPR-56 for Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3, respectively (Reference 1). Specifically, the proposed changes would revise the Renewed Facility Operating Licenses (RFOs) to implement an increase in rated thermal power from 3514 megawatts thermal (MWt) to 3951 MWt. Proposed License Conditions related to the Replacement Steam Dryer were provided in Attachment 3 to Reference 2. Revised Technical Specifications (TS) page markups to reflect the impact of other recently issued amendments were provided in Attachment 2 to Reference 3. This letter provides minor editorial corrections to the Proposed License Conditions and TS markups as described below.

License Condition for Renewed License No. DPR-44 (PBAPS Unit 2)

Paragraph (15)(a)1.g.	Text "2012, including" is changed to "2012, and Supplement 16 dated December 20, 2013, including"
Paragraph (15)(a)1.i.	Text "item g above" is changed to "item 1.g above"

License Condition for Renewed License No. DPR-56 (PBAPS Unit 3)

Paragraph (15)(a)2.	Text "in 15(a)1 above " is changed to "in (a)1 above"
Paragraph (15)(a)3.a.	Text "2012, including" is changed to "2012, and Supplement 16 dated December 20, 2013, including"
Paragraph (15)(a)3.b.	Text "item a above" is changed to "item 3.a above"
Paragraph (15)(a)3.c.	Text "104 percent, 108 and 112.4 percent" is changed to "104 percent, 108 percent and 112.4 percent"
Paragraph (15)(a)3.c.	Text "item a, above" is changed to "item 3.a above"
Paragraph (15)(b)2.	Text "3951 MWt. Exelon" is changed to "3951 MWt, Exelon"

Technical Specifications for PBAPS Unit 2 and Unit 3

Page 3.1-23 – Edited and relocated the text box for Surveillance Requirement (SR)  
3.1.7.10. Revised page markups for both Unit 2 and Unit 3 are provided in Attachment 1.

EGC has reviewed the information supporting a finding of no significant hazards consideration and the environmental consideration provided to the U. S. Nuclear Regulatory Commission in Reference 1. The supplemental information provided in this submittal does not affect the bases for concluding that the proposed license amendment does not involve a significant hazards consideration. Further, the additional information provided in this submittal does not affect the bases for EGC concluding that neither an environmental impact statement nor an environmental assessment needs to be prepared in connection with the proposed amendment.

In accordance with 10 CFR 50.91, "Notice for public comment; State consultation," paragraph (b), EGC is notifying the Commonwealth of Pennsylvania and the State of Maryland of this application by transmitting a copy of this letter with attachments to the designated State Officials.

There are no regulatory commitments contained in this letter.

Should you have any questions concerning this letter, please contact Mr. David Neff at (610) 765-5631.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 20<sup>th</sup> day of June 2014.

Respectfully,



Kevin F Borton  
Sr. Manager, Licensing – Power Uprate  
Exelon Generation Company, LLC

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

**Attachment 1**

**Peach Bottom Atomic Power Station Units 2 and 3**

**NRC Docket Nos. 50-277 and 50-278**

**Revised Technical Specifications Page 3.1-23 Markup**

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
<p>SR 3.1.7.7 <del>Verify the quantity of B-10 stored in the SLC tank is <math>\geq 162.7</math> lbm.</del></p> <p><span>Deleted</span></p>	<p><del>In accordance with the Surveillance Frequency Control Program.</del></p>
<p>SR 3.1.7.8 Verify each pump develops a flow rate <math>\geq 43.0</math> gpm at a discharge pressure <math>\geq 1275</math> psig.</p> <p><span>49.1</span></p>	<p>In accordance with the Inservice Testing Program</p>
<p>SR 3.1.7.9 Verify flow through one SLC subsystem from pump into reactor pressure vessel.</p> <p><span>enrichment is <math>\geq 92.0</math></span></p>	<p>In accordance with the Surveillance Frequency Control Program.</p>
<p>SR 3.1.7.10 Verify sodium pentaborate atom percent B-10 enrichment is within the limits of Table 3.1.7-1.</p>	<p>Once within 8 hours after addition to SLC tank</p>
<p><span>In accordance with the Surveillance Frequency Control Program</span></p> <p><u>AND</u></p>	

SURVEILLANCE REQUIREMENTS (continued)

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