

Peach Bottom Atomic Power Station    www.exeloncorp.com  
1848 Lay Road  
Delta, PA 17314

July 20, 2005

Mr. Thomas Filip  
Pennsylvania Department of Environmental Protection  
909 Elmerston Avenue  
Harrisburg, PA 17110-8200

Subject:        Peach Bottom Atomic Power Station, PWS 7670905  
                 Permit No. 6704516 MA Temporary Use of Reverse Osmosis

Dear Mr. Filip,

Per our telephone conversation on July 20, 2005, Peach Bottom Atomic Power Station, PA 7670905, is requesting an extension to Permit No. 6704516 MA Temporary Use of Reverse Osmosis, which currently expires on July 31, 2005.

A portion of the work on the water treatment plant upgrade included the replacement of the filter media in the polishing filters. In addition, the carbon steel filter vessels were cleaned, removing the corrosion layer, as well as cleaning some of the piping. During the post maintenance acceptance testing it was discovered that due to the combination of new filter media and exposed carbon steel piping the chlorine demand of the system increased and it is not consistent between filter runs. More flushing and testing is required to assure stable chlorine concentration, which is approximately 1.0 ppm for the current seasonal river temperature and pH. When this testing is satisfactory, you will be notified and the system may return to service pending your approval.

To allow additional time for this flushing, Peach Bottom is requesting an extension to September 30, 2005, for Permit No. 6704516 MA for continued use of reverse osmosis in order to accommodate the flushing on the polishing filters and for continued chlorine concentration testing.

If you need further information, please contact Art Arcilla [717 456-4185], Daniel Jordan [717 456-4551], or Robert Scholz [717 456-4839].

Thank you for your cooperation.

Sincerely,



Joseph P Grimes  
Peach Bottom Plant Manager

ccn 05-14078

USNRC Region 1, Administrator  
Senior Inspector, PBAPS  
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