

Enclosure 8

Tabular Response to TMI Alert's Letter Comments of February 21, 2012.

Comment #	Comment Summary by PPL	PPL Response
TMIA 1	<p>PPL Bell Bend has failed to factor, consider and address numerous water use and site specific aquatic challenges to the Susquehanna River and its environs. Applicant did not adequately consider the additional impact another nuclear power plant will have on environment, habitat and ecosystem. The following factors have not been adequately addressed:</p> <ul style="list-style-type: none"> • plant reliability during drought, • potential infestations by asiatic clams or zebra mussels • water quality • water use • aquatic communities • groundwater use • entrainment and impingement • impact on microbiologic organisms • impact on fisheries • impact on shad ladders • impact on sport and commercial fishing • EPA final Phase II rule under Section 316(b) of the CWA • Corps monitoring under Section 316(a) and (b) of the CWA • Chemical discharges (chlorination, Clamtrol) • Consumptive water use • Thermal discharge • Blowdown pollution • Curtailing water use during droughts 	<p>As the ACOE and TMIA are aware, the Bell Bend project will require numerous federal and state permits and approvals. Via the JPA, PPL has applied to the PADEP for water quality certification under Section 401 of the CWA. PPL will also be required to secure an NPDES discharge permit for operation of the proposed project. Applications have been made to the NRC, and to the SRBC for surface and groundwater withdrawal and consumptive use. All of the issues raised by TMIA will be addressed in these expected regulatory approvals.</p> <p>PPL expects to fully comply with any conditions imposed by these regulatory bodies.</p> <p>PPL will also fully comply with the EPA final Phase II rule under Section 316(b) of the CWA with regard to the design of the Bell Bend intake.</p> <p>TMIA's characterization of the project record is incorrect. PPL has performed extensive environmental evaluations related to potential project impacts on the receiving stream which are documented in the project record. Other studies are pending and are expected to be filed with the ACOE, SRBC and other resource agencies in 2012. Pertinent information is available in the COLA Environmental Report, located at: http://pbadupws.nrc.gov/docs/ML1214/ML12145A242.html</p> <p>Supplemental information is available in environmental reports that have been filed with the JPA. In particular, impacts to the receiving stream are addressed in "Potential Effects of the Bell Bend Project on Aquatic Resources and Downstream Users" in the JPA, Binder 3, at: http://pbadupws.nrc.gov/docs/ML1220/ML122050244.html</p> <p>PPL believes that record documents are adequate to permit the NRC and ACOE to conduct a thorough environmental review. PPL continues to respond to</p>

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		agency requests for additional information that are available in the public record.
TMIA 2	Air cooled condensers are more efficient than what is planned and would result in a decreased consumptive use. (Gunderson Attachment) Mr. Gunderson's testimony speaks to the negative impacts embedded in Impacts K, M, and O.	In response to Mr. Gunderson's testimony, PPL submitted an updated dry cooling analysis to the SRBC on August 21, 2012. A copy of this letter has been provided to the ACOE for inclusion in the project record.