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U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

**BELL BEND NUCLEAR POWER PLANT
SUPPLEMENTAL RESPONSE TO RAI ENV-19
BNP-2013-017 Docket No. 52-039**

- References:
- 1) E-mail, Laura Quinn-Willingham (NRC) to Rocco R. Sgarro (PPL), "Final RAI ENV-19 - Water Availability", dated November 5, 2012.
 - 2) Letter, Rocco R. Sgarro (PPL) to Document Control Desk (NRC), Response to RAI ENV-19, BNP-2012-281", dated December 4, 2012.
 - 3) Letter, Paul O. Swartz (SRBC) to Michael J. Caverly (PPL), "Requirements for Consumptive Water Use Mitigation and Passby Flows for PPL Bell Bend, LLC", dated December 28, 2012.

The purpose of this letter is to supplement the PPL Bell Bend, LLC (PPL) response (Reference 2) to the NRC Request for Additional Information (RAI) ENV-19 (Reference 1).

RAI ENV-19 addresses water-related impacts as discussed in the Environmental Report (ER), Part 3 of the Bell Bend Nuclear Power Plant (BBNPP) Combined License Application (COLA).

Supplemental Response:

The initial response to this RAI (Reference 2) noted the following:

- 1) The SRBC pass-by flow requirements to be determined by year end 2012 will be promptly provided to the NRC to support finalizing the draft EIS.
- 2) PPL's response is contingent upon pending SRBC decisions regarding how much water and what, if any, pass-by flow requirement it will impose. PPL chose the mitigation options described in Enclosure 1 of the response conservatively, and fully expects that either option will be able to satisfy the SRBC mitigation requirements. PPL will supplement this response upon receipt of the SRBC criteria.
- 3) PPL will provide a markup of the Environmental Report reflecting appropriate updates subsequent to receipt of the SRBC pass-by flow requirements.

This supplement addresses the above items as follows:

- 1) The SRBC staff's pass-by flow and consumptive use mitigation recommendations are specified in Reference 3. The NRC is in possession of this letter. These

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recommendations are based on the SRBC staff's evaluation of the Project at this time and are subject to change as specified in that letter.

- 2) The recommended criteria as specified by SRBC in Reference 3 are within the range anticipated by PPL during the development of our initial response. As a result, PPL believes that the mitigation options defined in Reference 2 provide reasonable assurance that the SRBC defined mitigation requirements can be fully satisfied with minimal environmental impacts upon finalization of these plans post-COL.

Additionally, PPL would further supplement its initial response with a clarification that successful implementation of PPL's Primary Plan, as described in "Enclosure 1: Consumptive Use Mitigation" of Reference 2, will necessitate adjustment and realignment of the current water supply storage operations to satisfy the consumptive use mitigation and pass-by flow requirements at Bell Bend. PPL believes that this can be achieved in cooperation with the SRBC on a reasonable schedule within the Project's implementation timetable.

- 3) COLA Impact – Markups of affected pages of the ER providing an overview of the plan and an assessment of its impacts will be forwarded on or before February 15, 2013 and will be included in the next revision of the COLA.

The only new regulatory commitment is to forward the Markups of affected pages of the ER as stated above.

Should you have questions, please contact the undersigned at 610.774.7552.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on February 1, 2013.

Respectfully,



Rocco R. Sgarro

RRS/kw

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