

BellBendEnveRAIPEm Resource

From: Terry, Tomeka
Sent: Thursday, November 05, 2015 2:26 PM
To: Sgarro, Rocco R
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Subject: Bell Bend Environmental Review Final RAI ENV-30
Attachments: Final RAI ENV- 30 Hydrology.pdf

Please find attached is final RAI ENV-30 for hydrology on Bell Bend COL environmental review. The schedule we have established to the review of your application assumes technically correct and complete response within 30 calendar days of receipt of RAIs. For any RAIs that cannot be responded to within 30 calendar days, it is expected that a date for receipt of this information will be provided to the staff within the 30 day period so that the staff can assess how this information might impact the published schedule. If you have any questions, please let me know.

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Options

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Request for Additional Information ENV-30

Issue Date: 11/2/2015

Application Title: Bell Bend Environmental Review Docket Number 52-039

Operating Company: PPL Bell Bend LLC.

Docket No. 52-039

Review Section: EIS 2.3.1 - Hydrology

Application Section: Part 3 – Environmental Report Section 2.3.1

QUESTIONS

EIS 2.3.1

ESRP Section 2.3.1 directs the staff's description in the Environmental Impact Statement (EIS) for the Bell Bend COL of the hydrology of the proposed plant site and the surrounding area that could be affected by construction activities and plant operation. This description includes water bodies potentially affected by consumptive use mitigation required as part of the proposed Bell Bend Nuclear Power plant's permit for withdrawal and use of Susquehanna River water. In its October 21, 2013, response (BNP-2013-142) to RAI Env-19, PPL (now Talen) described its consumptive water use mitigation plan. The mitigation plan (the primary plan) described in the response included the use of water stored at the Holtwood hydroelectric site to replace the Cowanesque storage that is needed for the proposed plant, which is currently allocated for consumptive use mitigation of a downstream generating station. PPL stated in the October 21, 2013 letter that, "23.8 mgd of water at Cowanesque is currently allocated to a generating station; ... PPL would plan to control all of this water. PPL controls sufficient compensatory water at PPL's Holtwood hydroelectric site that is sufficiently sized, ideally located and is currently available." With Talen's recent agreement to sell the Holtwood project^[1], it is not clear to the staff that this statement is still valid.

Provide a revised consumptive use mitigation plan that is consistent with the sale of the Holtwood hydroelectric project. Describe all water sources that would be available to Talen to meet the Susquehanna River Basin Commission's requirements for consumptive water use mitigation and pass-by flow as described in their letter to PPL dated December 28, 2012 (ADAMS Accession No. ML13008A468).

[1] <http://www.prnewswire.com/news-releases/talen-energy-agrees-to-sell-three-pennsylvania-power-plants-300156524.html>