

BellBendEnveRAIPEm Resource

From: Quinn-Willingham, Laura
Sent: Friday, August 31, 2012 1:40 PM
To: Sgarro, Rocco R
Cc: Hsia, Anthony; Mcdowell, Bruce K; Leigh, Kimberly D; Imboden, Stacey; Anderson, Thomas L; Goldin, Laura; BellBendEnveRAIPEm Resource
Subject: Bell Bend Final RAIs for Alternatives
Attachments: ENV-02 RAI_6744_ALT.pdf

Please find attached RAI Env-02 for the Bell Bend COL application. The ENV-02 RAI is an aggregate of the draft accident RAIs (ALT-7 and ALT-8) that were provided to you on August 13, 2012 as part of a complete table of draft RAIs. There were no request for a clarification discussion of these draft RAIs. No other changes are necessary; hence we are issuing this RAI as final.

The schedule we have established to the review of your application assumes technically correct and complete responses 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 schedule.

Please contact me if you have any questions.

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Subject: Bell Bend Final RAIs for Alternatives
Sent Date: 8/31/2012 1:40:18 PM
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From: Quinn-Willingham, Laura

Created By: Laura.Quinn-Willingham@nrc.gov

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Options

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Request for Additional Information ENV-02

Issue Date: 8/31/2012

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

Operating Company: PPL Bell Bend LLC.

Docket No. 52-039

Review Section: EIS 9.3.1 - Alternative Site Selection Process

Application Section: Part 3 - Environmental Report

QUESTIONS

EIS 9.3.1-1

Resolve the discrepancy between the statements in ER Section 9.3.1.2 that the Martins Creek site is the most favorable non-Susquehanna River basin alternative site even though in ER Table 9.3-10 the Wallenpaupack site in the Delaware River basin had a higher screening score.

Supporting Information:

ESRP Section 9.3 directs the staff's analysis and evaluation of alternatives to the applicant's proposed site for the construction and operation of a nuclear power plant. The scope of the review should include an analysis and evaluation of the region of interest, candidate sites and a reasonable number of proposed alternative sites identified by the applicant, and the methodology used by the applicant to identify these sites.

ER Revision 3, page 9-60, claims Martins Creek as the most favorable non-Susquehanna River basin site, but ER Table 9.3-10 has a higher score for the Wallenpupack site, which is also outside of the Susquehanna River basin.

This was Info Need ALT-7.

Acceptance Criteria:

ESRP 9.3.1 and 9.3; 10 CFR 51.45

EIS 9.3.1-2

The May 10, 2012, letter from the New Jersey Highlands Water Protection and Planning Council to NRC (ML12135A234) stated that siting a nuclear power plant at the Martin's Creek site would be inconsistent with the Highlands Regional Master Plan. Considering this, address the viability of the Martins Creek site as an alternative site and the likelihood that PPL Bell Bend could obtain permits from the State of New Jersey for the construction and operation of a nuclear power plant, preferably through documentation from the New Jersey Highlands Water Protection and Planning Council. In addition, provide information regarding the presence of any prime or unique farmland soils on the Martin's Creek site, including a map showing location, total acreage, and acreage permanently removed from agricultural use following construction.

Supporting Information:

ESRP Section 9.3 directs the staff's analysis and evaluation of alternatives to the applicant's proposed site for the construction and operation of a nuclear power plant and states that the reviewer should determine whether the reconnaissance level information used throughout the site-selection process was complete enough and of sufficient depth commensurate with the level of screening to support the decisions that were made and that the following information (among others) should be obtained either through the ER or consultation: siting constraints and limitations (e.g., rules, regulations, and laws).

The ER and Alternative Site Evaluation Report (ASER) (ML111580443) fail to acknowledge the restriction on development imposed by the New Jersey Highlands Water Protection and Planning Act and the effect on the viability of the Martins Creek site, which has been challenged by a May 10, 2012 letter from the Highlands Water Protection and Planning Council to the NRC. It was discussed at the May 2012 site audit that PPL will lead the effort needed to a) review the Highlands Regional Master Plan and b) consult with the NJ Planning Council and determine applicability to site and T-line viability. ESRP Sections 2.2, 4.1.1 and 4.1.2 directs the staff to identify and consider prime and unique farmlands and the relative value of unique or prime farmland if it is found on the site. Provide information (the number of acres of prime or unique farmland, a map with the locations of parcels considered to be prime or unique farmland on the Martins Creek alternative site and the route of the associated transmission lines, and a number of acres of prime or unique farmland that will be temporarily or permanently impacted from building an EPR at this location) to help resolve discrepancies among the New Jersey Highlands Water Protection and Planning Council letter, ER, and ASER on whether or not the Martin's Creek site contains prime or unique farmland as defined by Farmland Protection Policy Act (FPPA) and/or the State of New Jersey.

This was Info Need ALT-8.

Acceptance Criteria:

ESRP 4.1.1, 4.1.2, 9.3.1, and 9.3;10 CFR 51.45