

BellBendCOLPEm Resource

From: Canova, Michael
Sent: Friday, June 05, 2009 10:57 AM
To: Sgarro, Rocco R; BBNPP@pplweb.com; jennifer.mcqueeney@unistarnuclear.com; Katie.Thurstin@unistarnuclear.com
Cc: BellBendCOL Resource; Vrahoretis, Susan; Cook, Christopher; Raione, Richard
Subject: Bell Bend COLA - Draft Request for Information No. 26 (RAI No. 26)- RHEB - 2847
Attachments: letter 26 - RAI 2847 RHEB.doc

Attached is DRAFT RAI No. 26 for the Bell Bend COL Application. You have ten working days to review this request and to decide whether you need a conference call to discuss it. Please notify me of your decision in this regard.

After the call, or after ten days, the RAI will be finalized and sent to you. You will then have 30 days to respond. These durations are factored into your review schedule. If additional time is required to respond, please inform me of your proposed schedule to respond at your earliest opportunity.

If you have any questions, please contact me.

Michael A. Canova

Project Manager - Bell Bend COL Application
Docket 52-039
EPR Project Branch
Division of New Reactor Licensing
Office of New Reactors
301-415-0737

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From: Canova, Michael
Created By: Michael.Canova@nrc.gov

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letter 26 - RAI 2847 RHEB.doc	28154	

Options

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Request for Additional Information No. 26 Revision 1
DRAFT
6/2/2009

Bell Bend
PPL Bell Bend LLC.
Docket No. 52-039
SRP Section: 02.04.04 - Potential Dam Failures
Application Section: FSAR 2.4.4

QUESTIONS for Hydrologic Engineering Branch (RHEB)

02.04.04-1

During the site audit, the staff reviewed the dam failure analyses and calculation packages associated with the computation of the North Branch Susquehanna River flow rate necessary to impact the site. The calculation was Number F-8 8(c), "*Simplified Analysis to Determine the Impact of Upstream Dam Failures*" dated July 15, 2008; this calculation provided bounding analyses for predicting water levels at the site resulting from upstream dam failures. Although the staff considers bounding and simplified analyses appropriate for dam failure analysis for this site, several of the calculated parameters (such as river flow velocity with the water level at plant grade) must be revised, as discussed during the site audit. In accordance with the requirements of 10 CFR 100.20(c)2, 10 CFR 52.79(a)(1)(iii), and General Design Criterion 2, the staff requests that the applicant provide this revised calculation of the peak flow rate and water level at the Bell Bend site..