

BellBendCOLPEm Resource

From: Canova, Michael
Sent: Tuesday, November 10, 2009 9:08 AM
To: 'Sgarro, Rocco R'; 'BBNPP@pplweb.com'; Freels, James; 'melanie.Frailer@unistarnuclear.com'; Reichelt, Eric; 'Jacqueline.bell@unistarnuclear.com'
Cc: BellBendCOL Resource; Vrahoretis, Susan; Miernicki, Michael; Terao, David; Colaccino, Joseph
Subject: Bell Bend COLA - Draft Request for Information No. 76 (RAI No. 76)- CIB1 - 2391
Attachments: Letter 76 - RAI 2391 - CIB1.doc

Attached is DRAFT RAI No. 76 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. The schedule for submittal will be established prior to formalizing this RAI .

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

Hearing Identifier: BellBend_COL_Public
Email Number: 394

Mail Envelope Properties (77BCCD26C6050B42A72FE3939CF492ED155EE838A4)

Subject: Bell Bend COLA - Draft Request for Information No. 76 (RAI No. 76)- CIB1 - 2391
Sent Date: 11/10/2009 9:07:38 AM
Received Date: 11/10/2009 9:07:41 AM
From: Canova, Michael

Created By: Michael.Canova@nrc.gov

Recipients:

"BellBendCOL Resource" <BellBendCOL.Resource@nrc.gov>
Tracking Status: None
"Vrahoretis, Susan" <Susan.Vrahoretis@nrc.gov>
Tracking Status: None
"Miernicki, Michael" <Michael.Miernicki@nrc.gov>
Tracking Status: None
"Terao, David" <David.Terao@nrc.gov>
Tracking Status: None
"Colaccino, Joseph" <Joseph.Colaccino@nrc.gov>
Tracking Status: None
"Sgarro, Rocco R" <rrsgarro@pplweb.com>
Tracking Status: None
"BBNPP@pplweb.com" <BBNPP@pplweb.com>
Tracking Status: None
"Freels, James" <James.Freels@unistarnuclear.com>
Tracking Status: None
"melanie.Frailer@unistarnuclear.com" <melanie.Frailer@unistarnuclear.com>
Tracking Status: None
"Reichelt, Eric" <Eric.Reichelt@nrc.gov>
Tracking Status: None
"Jacqueline.bell@unistarnuclear.com" <Jacqueline.bell@unistarnuclear.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	644	11/10/2009 9:07:41 AM
Letter 76 - RAI 2391 - CIB1.doc		28666

Options

Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Request for Additional Information No. 76
Application Revision 0

DRAFT

11/6/2009

Bell Bend
PPL Bell Bend LLC.
Docket No. 52-039

SRP Section: 03.06.03 - Leak-Before-Break Evaluation Procedures
Application Section: 03.06.03

QUESTIONS for Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects)
(CIB1)

03.06.03-1

RAI 03.06.03-01 - Chapter 3.6.3 of the applicant's FSAR states, "{PPL Bell Bend, LLC} shall confirm that the design Leak-Before-Break (LBB) analysis remains bounding for each piping system." Please provide as-designed LBB analyses for each LBB piping system prior to COL issuance or provide justification for concluding that the as-designed LBB analyses remain bounding for each piping system.

03.06.03-2

For dynamic loadings for the EPR LBB generic design, AREVA has proposed using a safety factor of 1.7 instead of the NRC staff's recommended safety factor of 2. In developing the EPR generic design to envelope all current sites' seismic loadings, AREVA proposes revising its generic seismic design response spectra. If this revision is approved, the calculated seismic loadings could increase, which may affect the LBB design and may further decrease the LBB dynamic loading safety factor.

RAI 03.06.03-02 - Please provide an analysis or evaluation that demonstrates that the main steam piping inside containment meets the safety factor of 2 using site specific seismic response spectra