

BellBendCOLPEm Resource

From: Canova, Michael
Sent: Tuesday, September 29, 2009 10:02 AM
To: 'Sgarro, Rocco R'; 'BBNPP@pplweb.com'; 'jennifer.mcqueeney@unistarnuclear.com'; Freels, James
Cc: BellBendCOL Resource; Vrahoretis, Susan; Weisman, Robert; Miernicki, Michael; Crane, Samantha; Peralta, Juan
Subject: Bell Bend COLA - Request for Information No. 51 (RAI No. 51)- CQVP - 3577
Attachments: Letter 51 - RAI 3577 CQVP.pdf

RAI No. 51 is attached regarding the Bell Bend COL Application. Based on our discussion on this date, we understand that PPL has no questions regarding this RAI. Accordingly, we are releasing the final version of this document for your action.

You are requested to respond to this request 30 days to respond. 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

Hearing Identifier: BellBend_COL_Public
Email Number: 377

Mail Envelope Properties (77BCCD26C6050B42A72FE3939CF492ED09988B)

Subject: Bell Bend COLA - Request for Information No. 51 (RAI No. 51)- CQVP - 3577
Sent Date: 9/29/2009 10:02:06 AM
Received Date: 9/29/2009 10:35:12 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
"Weisman, Robert" <Robert.Weisman@nrc.gov>
Tracking Status: None
"Miernicki, Michael" <Michael.Miernicki@nrc.gov>
Tracking Status: None
"Crane, Samantha" <Samantha.Crane@nrc.gov>
Tracking Status: None
"Peralta, Juan" <Juan.Peralta@nrc.gov>
Tracking Status: None
"Sgarro, Rocco R" <rsgarro@pplweb.com>
Tracking Status: None
"BBNPP@pplweb.com" <BBNPP@pplweb.com>
Tracking Status: None
"jennifer.mcqueeney@unistarnuclear.com" <jennifer.mcqueeney@unistarnuclear.com>
Tracking Status: None
"Freels, James" <James.Freels@unistarnuclear.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	805	9/29/2009 10:35:12 AM
Letter 51 - RAI 3577 CQVP.pdf	15363	

Options

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

Request for Additional Information No. 51

9/29/2009

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

SRP Section: 14.02 - Initial Plant Test Program - Design Certification and New License Applicants
Application Section: 14.2

QUESTIONS for Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)

14.02-13

COL Item 14.2-2 in Revision 1 of the U.S. EPR FSAR states that A COL applicant that references the U.S. EPR certified design will develop a test program that considers the following guidance components:

1. The applicant should allow at least nine months to conduct preoperational testing.
2. The applicant should allow at least three months to conduct startup testing, including fuel loading, low power tests, and power ascension tests.
3. Plant safety will not be dependent on the performance of untested SSC during any phase of the startup test program.
4. Surveillance test requirements will be completed in accordance with plant Technical Specification requirements for SSC operability before changing plant modes.
5. Overlapping test program schedules (for multi-unit sites) should not result in significant divisions of responsibilities or dilutions of the staff provided to implement the test program.
6. The sequential schedule for individual startup tests should establish, insofar as practicable, that test requirements should be completed prior to exceeding 25 percent power for SSC that are relied upon to prevent, limit, or mitigate the consequences of postulated accidents.
7. Approved test procedures should be in a form suitable for review by regulatory inspectors at least 60 days prior to their intended use or at least 60 days prior to fuel loading for fuel loading and startup test procedures.
8. Identify and cross reference each test (or portion thereof) required to be completed before initial fuel loading and that is designed to satisfy the requirements for completing ITAAC.

The NRC staff requests that the applicant revise Subsection 14.2.11 of the BBNPP COL FSAR to address all 8 criteria listed in the COL item.

14.02-14

COL Item 14.2-8 in Revision 1 of the U.S. EPR FSAR states that a COL applicant that references the U.S. EPR design certification will provide site-specific test abstract information for the raw water supply system. Please revise section 14.2.12 of the BBNPP COL FSAR to include this COL Item.

14.02-15

COL Item 14.2-9 in Revision 1 of the U.S. EPR FSAR lists COL Item states that a COL applicant that references the U.S. EPR design certification will provide site-specific test abstract information for personnel radiation monitors. Please revise section 14.2.12 of the BBNPP COL FSAR to include this COL Item.