

BellBendCOLPEm Resource

From: Canova, Michael
Sent: Thursday, July 30, 2009 12:17 PM
To: Sgarro, Rocco R; BBNPP@pplweb.com; jennifer.mcqueeney@unistarnuclear.com; Katie.Thurstin@unistarnuclear.com
Cc: BellBendCOL Resource; Vrahoretis, Susan; Colaccino, Joseph; Bernal, Sara; Frye, Timothy; Jennings, Jason
Subject: Bell Bend COLA - Draft Request for Information No. 40 (RAI No. 40)- CHPB - 3313
Attachments: Letter 40 -RAI 3313 CHPB.doc

Attached is DRAFT RAI No. 40 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 my 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

Hearing Identifier: BellBend_COL_Public
Email Number: 167

Mail Envelope Properties (D9892A42664D3D4690E88C2F48D7C08E20EBA231B9)

Subject: Bell Bend COLA - Draft Request for Information No. 40 (RAI No. 40)- CHPB - 3313
Sent Date: 7/30/2009 12:16:53 PM
Received Date: 7/30/2009 12:16:56 PM
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
"Colaccino, Joseph" <Joseph.Colaccino@nrc.gov>
Tracking Status: None
"Bernal, Sara" <Sara.Bernal@nrc.gov>
Tracking Status: None
"Frye, Timothy" <Timothy.Frye@nrc.gov>
Tracking Status: None
"Jennings, Jason" <Jason.Jennings@nrc.gov>
Tracking Status: None
"Sgarro, Rocco R" <rrsgarro@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
"Katie.Thurstin@unistarnuclear.com" <Katie.Thurstin@unistarnuclear.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	786	7/30/2009 12:16:56 PM
Letter 40 -RAI 3313 CHPB.doc		38906

Options

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

Request for Additional Information No. 40

DRAFT

7/30/2009

Bell Bend
PPL Bell Bend LLC.
Docket No. 52-039
SRP Section: 12.02 - Radiation Sources
Application Section: 12.02 Radiation Sources

QUESTIONS for Health Physics Branch (CHPB)

12.02-1

NRC regulation 10 CFR 20.1501(b) requires, in part, that instruments and equipment used to perform dose rate surveys be calibrated periodically for the radiation to be measured.

In response to Combined License Information Item 12.2-1, the applicant provided a table of radiation sources in BBNPP FSAR Section 12.2.1.13 as follows below,

Isotope	Quantity	Form	Use
Cf-252	0.5 Ci	Sealed Source	Primary Start-up
Sb-Be	3E+06 Ci	Sealed Source	Secondary Startup
Cs-137	400 Ci	Sealed Source	Calibration
Cs-137	130 mCi	Sealed Source	Calibration
Am-241	0.03 µCi	Sealed Source	Calibration

However, this source listing does not include a neutron source for portable neutron survey instrumentation calibration.

- a. Provide the information for such a source or an alternative method or system for such instrument calibration.

12.02-2

NRC regulation 10 CFR 20.1801 requires licensees to secure from unauthorized removal or access licensed materials that are stored in controlled or unrestricted areas.

- a. Describe how the contained sources described in FSAR Section 12.2.1.13 (response to COL item 12.2-1), and any additional by-product, source, or special nuclear material sources that are not a part of the permanent plant design, will be secured in accordance with 10 CFR 20.1801.
- b. Describe how the materials will be tracked, including the procedures that will govern the control and use of these sources.

