

BellBendCOLPEm Resource

From: Canova, Michael
Sent: Thursday, July 30, 2009 12:45 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: RE: Bell Bend COLA - Draft Request for Information No. 43 (RAI No. 43)- CHPB - 3326
Attachments: Letter 43 - RAI 3326 CHPB.doc

Attached is DRAFT RAI No. 43 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

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Subject: RE: Bell Bend COLA - Draft Request for Information No. 43 (RAI No. 43)-
CHPB - 3326
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From: Canova, Michael

Created By: Michael.Canova@nrc.gov

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Letter 43 - RAI 3326 CHPB.doc		37370

Options

Priority: Standard
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Reply Requested: No
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Request for Additional Information No. 43

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)

12.02-3

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, Section 12.2, Radiation Sources, of NUREG-0800, "Standard Review Plan for Licensing of Nuclear Power Plants," states:

"...Contained Sources. The description of radiation sources, ...This description should include isotopic composition, location in the plant, source strength and source geometry, and the basis for the values..."

The applicant's FSAR, in Section 12.2.1.13, does not include a description of the location of the sources, the source geometry or the basis for the values in the source list as described in NUREG-0800. Please provide this information to demonstrate compliance with 10 CFR 20.1201 and 10 CFR 20.1202, or justify an alternative.