

BellBendCOLPEm Resource

From: Canova, Michael
Sent: Friday, January 20, 2012 10:41 AM
To: 'Sgarro, Rocco R'; 'BBNPP@pplweb.com'; 'melanie.Frailer@unistarnuclear.com'; Woodring, Kathryn L; Kirkwood, Jon K
Cc: BellBendCOL Resource; Hodgdon, Ann; Segala, John; Wheeler, Larry; Hearn, Peter; McKenna, Eileen
Subject: Bell Bend COLA - FINAL Request for Information No. 109 (RAI No. 109)- SBPA 5817
Attachments: Final RAI Letter 109 - SBPA 5817.doc

Attached is RAI No. [109](#) for the Bell Bend COL Application. Per your discussion on 1/19/2012, we understand that you have no further questions on this RAI. You are requested to respond by [March 5, 2012](#). If additional time is required to respond, please inform me of your proposed schedule 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: 554

Mail Envelope Properties (77BCCD26C6050B42A72FE3939CF492ED92BA183CD3)

Subject: Bell Bend COLA - FINAL Request for Information No. 109 (RAI No. 109)- SBPA 5817
Sent Date: 1/20/2012 10:40:43 AM
Received Date: 1/20/2012 10:40:45 AM
From: Canova, Michael
Created By: Michael.Canova@nrc.gov

Recipients:

"BellBendCOL Resource" <BellBendCOL.Resource@nrc.gov>
Tracking Status: None
"Hodgdon, Ann" <Ann.Hodgdon@nrc.gov>
Tracking Status: None
"Segala, John" <John.Segala@nrc.gov>
Tracking Status: None
"Wheeler, Larry" <Larry.Wheeler@nrc.gov>
Tracking Status: None
"Hearn, Peter" <Peter.Hearn@nrc.gov>
Tracking Status: None
"McKenna, Eileen" <Eileen.McKenna@nrc.gov>
Tracking Status: None
"Sgarro, Rocco R" <rrsgarro@pplweb.com>
Tracking Status: None
"BBNPP@pplweb.com" <BBNPP@pplweb.com>
Tracking Status: None
"melanie.Frailer@unistarnuclear.com" <melanie.Frailer@unistarnuclear.com>
Tracking Status: None
"Woodring, Kathryn L" <KFitzpatrick@pplweb.com>
Tracking Status: None
"Kirkwood, Jon K" <jon.kirkwood@unistarnuclear.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	715	1/20/2012 10:40:45 AM
Final RAI Letter 109 - SBPA 5817.doc		30714

Options

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

RAI Letter 109
Application Revision 2

DRAFT

8/23/2011

Bell Bend
PPL Bell Bend LLC.
Docket No. 52-039
SRP Section: 09.02.01 - Station Service Water System
Application Section: 9.2.1

QUESTIONS for Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)

Request for Additional Information No. 5817

09.02.01-2

As a followup to RAI 50 (EEB-3454) Q8.3.1-6 and the review of the cathodic protection (CP) system, the staff determined that the BBNPP COL applicant did not adequately describe this system in the FSAR. Since the applicant has taken credit for cathodic protection to provide longevity and corrosion protection for ESWS (Section 9.2.1), this cathodic protection system should be adequately described in the FSAR.

Specifically, related to the CP system, the applicant should describe in Section 8.3.1.1 of the COL:

- The CP design and installation Standards,
- Pipe coating standards,
- A brief description of how the CP system works,
- Sacrificial or galvanic anodes,
- Test stations for voltage and applicable Standards.

In addition, Section 9.2.1.3.5 of the COL should reference this new CP system discussion in Section 8.3.1.1