

## BellBendCOLPEm Resource

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**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

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**Received Date:** 1/20/2012 10:40:45 AM  
**From:** Canova, Michael

**Created By:** Michael.Canova@nrc.gov

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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