

BellBendCOLPEm Resource

From: Canova, Michael
Sent: Thursday, October 25, 2012 11:22 AM
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Cc: BellBendCOL Resource; McKenna, Eileen; Wheeler, Larry; Goldin, Laura; Hearn, Peter
Subject: Bell Bend COLA - FINAL Request for Information No. 120 (RAI No. 120)- BPTS 6583
Attachments: Final RAI Leter 120 - BPTS 6583.doc

Attached is RAI No. 120 for the Bell Bend COL Application. Based on our discussion on October 24, 2012, we understand that you have no further questions on this RAI. We also understand that that your response on this RAI will be coincident with that of RAI 115, Question 09.02.05-32, part 2 on February 8, 2013.

If you have any questions, please contact me.

Thanks,

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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Request for Additional Information 120

Issue Date: 10/25/2012

Application Title: Bell Bend Docket Number 52-039

Operating Company: PPL Bell Bend LLC.

Docket No. 52-039

Review Section: 09.02.05 - Ultimate Heat Sink

Application Section: 9.2.5

QUESTION

09.02.05-35

RAI Letter #518 (RAI 6122), Question 09.02.05-38 response from AREVA, dated June 25, 2012, was recently received by the NRC. This RAI is related to the ultimate heat sink (UHS) and site wet bulb temperature. In the response, the applicant revised COL Item 9.2.7 and added COL Item 9.2.11.

COL Item 9.2.7 was revised to include:

A COL applicant that references the U.S. EPR design certification will confirm that the site characteristic sum of 0% exceedance maximum non-coincident wet bulb temperature and the sites specific wet bulb correction factor does not exceed the value provided in Table 9.2.5-2. If the value in Table 9.2.5-2 is exceeded the maximum UHS cold-water return temperature of 95°F is to be confirmed by analysis (see Section 9.2.5.3.3).

COL Item 9.2.11 was added:

A COL applicant that references the U.S. EPR design certification will confirm that the maximum UHS cold-water return temperature of 95 °F is met by an analysis that confirms that the worst combination of site-specific wet bulb and dry bulb temperatures over a 24-hour period, from a 30-year hourly regional climatological data set, is bounded by the values presented in Table 9.2.5-4.

The COL applicant should address these COL Items as stated above.