

PMBelCOL PEmails

From: Sebrosky, Joseph
Sent: Tuesday, July 28, 2009 10:48 AM
To: Lee, Mike
Cc: 'Spink, Thomas E'; 'andrea sterdis'; Ryan, William T III; PMBelCOL PEmails; Martin, Jody; Hodgdon, Ann; Patterson, Malcolm; Peralta, Juan; Kavanagh, Kerri; Concepcion, Milton; Raione, Richard; Cook, Christopher; Coffin, Stephanie; See, Kenneth
Subject: response to 7/24 ACRS AP1000 subcommittee request to provide information related to Bellefonte COL hydrology review

Mike,

During the 7/24/2009 AP1000 subcommittee meeting a question was asked regarding hydrology: Have the recent flooding issues in France led to any PRA insights? The staff was also asked to provide the subcommittee with background material describing the issues that the NRC staff has identified during its hydrology review of the Bellefonte application.

We intend to provide the ACRS AP1000 subcommittee a presentation during the October 6–7 subcommittee meeting on the staff's observations of the hydrology review to date. The Chapter 2 SER with open items will not contain a hydrology evaluation because the staff has stopped its review in this area pending TVA resubmitting its analysis for the probable maximum flood (PMF) and dam breach analysis. However, the staff will be able to provide the subcommittee a hi-level discussion of the staff's review of the PMF and dam breach analysis. In addition, the staff will provide the ACRS a hi-level discussion of other areas of the hydrology review that may be of interest to the ACRS (e.g., ground water modeling). During this presentation the staff will address any observations that it has of flooding issues in France and how such events are addressed in the staff's hydrology review of COL applications.

Here is a list of information that is publicly available providing some background on the staff's hydrology review to date. The list is in chronological order.

Date	Accession No.	Description
3/19/08	ML080640487	Inspection and Notice of Violation associated with inspection of TVA's hydrology code
4/25/08	ML081430267	Summary and handouts of 4/25/08 public meeting to discuss hydrology review
6/12/08	ML081610308	May 13–16, 2008, hydrology trip report
7/17/08	ML081850085	June 23–27, 2008, hydrology trip report
10/22/08	ML082950737	Summary of 9/12/08 public meeting to discuss hydrology review
10/29/08	ML082810431	Letter informing TVA that the staff is placing a hold on the hydrology review
4/29/09	ML091120449	Summary of 3/30/09 public meeting to discuss hydrology review
5/15/09	ML091390057	Letter from TVA providing periodic update of hydrology status
7/8/09	ML091910253	Letter from TVA providing periodic update of hydrology status

If you have any questions about the above please let me know.

Joe Sebrosky

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Subject: response to 7/24 ACRS AP1000 subcommittee request to provide information related to Bellefonte COL hydrology review
Sent Date: 7/28/2009 10:48:10 AM
Received Date: 7/28/2009 10:48:13 AM
From: Sebrosky, Joseph

Created By: Joseph.Sebrosky@nrc.gov

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Options

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