

PMBeCOL PEmails

From: Joseph Sebrosky
Sent: Monday, May 11, 2009 12:50 PM
To: 'rgrumbir@gmail.com'; 'alsterdis@tva.gov'; 'erg-xl@cox.net'; 'pshastings@duke-energy.com'; 'kslays@duke-energy.com'; 'Bob Hirmanpour'; 'Spink, Thomas E'; Ryan, William T III
Cc: PMBeCOL PEmails; Christopher Cook; Kenneth See; Richard Raione
Subject: draft hydrology rai
Attachments: additional draft hydrology rai.doc

To All,

Attached is a draft Bellefonte RAI related to hydrology input data discussed at the March 30, 2009, public meeting. Please provide a time frame for when you can discuss the draft RAI before it is made final.

Sincerely,

Joe Sebrosky
Senior Project Manager
NRO/DNRL/NWE1
301-415-1132

Hearing Identifier: Bellefonte_COL_Public_EX
Email Number: 1496

Mail Envelope Properties (B4ECC0E252653F48B3F57C3B833465E80F9E6F2B07)

Subject: draft hydrology rai
Sent Date: 5/11/2009 12:50:14 PM
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From: Joseph Sebrosky

Created By: Joseph.Sebrosky@nrc.gov

Recipients:

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MESSAGE	335	5/11/2009 12:50:16 PM
additional draft hydrology rai.doc		28154

Options

Priority: Standard
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Recipients Received:

Bellefonte Units 3 and 4
TVA
Docket No. 52-014 and 52-015
SRP Section: 02.04.03 - Probable Maximum Flood (PMF) on Streams and Rivers
Application Section: FSAR Section 2.4.3

QUESTIONS for Hydrologic Engineering Branch (RHEB)

Erai 2778, 02.04.03-***

TVA presents calculation of the probable maximum flood (PMF) height at the Bellefonte COL Site in Section 2.4.3 of the FSAR. These calculations address regulatory requirements associated with General Design Criterion 2 and 10 CFR 100.20(c). TVA has continued to develop its analysis since the FSAR was submitted, and has developed additional calculation packages/documents associated with computation of the PMF height. The specifics of this analysis were discussed during a March 30, 2009 public meeting held at NRC Headquarters (see ML091180052 and ML0911204490). The NRC staff requests that TVA provide the following input deliverables:

- (a) V&V Docs (16 docs; April 2009)
- (b) UH Calcs – Rev 0 (17 calcs; April 2009)
- (c) UH Calcs – Rev 1 (5 calcs; June 2009)
- (d) Dam Rating Curves (20 calcs; March 2009)
- (e) SOCH Calibrations (6 calcs; July 2009)
- (f) Other Input Calcs (3 calcs; April 2009)

The titles of these input deliverables follow the naming convention used by TVA on Slide 10 of its March 30, 2009 presentation (see ML091180052). The number of calculations/documents and the anticipated TVA completion date are shown in parenthesis. This information also originates from Slide 10 of the presentation.