## PMBelCOL PEmails

**From:** Tanya Simms
**Sent:** Monday, May 12, 2008 2:56 PM
**To:** rgrumbir@gmail.com; alsterdis@tva.gov; erg-xl@cox.net; pshastings@duke-energy.com; Ray, Phillip M
**Cc:** Joseph Sebrosky; PMBelCOL PEmails
**Subject:** RAI Letter No. 011 Related SRP Section 9.5.1 for Bellefonte Units 3 and 4
**Attachments:** BEL-RAI-LTR-011.pdf

To All,

Attached is RAI Letter No. 011 related SRP Section 9.5.1 for Bellefonte Units 3 and 4.

Tanya Simms
Project Manager
New Reactor Licensing
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, Maryland 20852-2738
301-415-1387
tanya.simms@nrc.gov

**Hearing Identifier:** Bellefonte_COL_Public_EX
**Email Number:** 176

**Mail Envelope Properties** (C4A4C9A16294FB4CBA5A36312D05FFAC034F7CA63D)

**Subject:** RAI Letter No. 011 Related SRP Section 9.5.1 for Bellefonte Units 3 and 4
**Sent Date:** 5/12/2008 2:56:10 PM
**Received Date:** 5/12/2008 2:56:12 PM
**From:** Tanya Simms

**Created By:** Tanya.Simms@nrc.gov

**Recipients:**
"Joseph Sebrosky" <Joseph.Sebrosky@nrc.gov>
Tracking Status: None
"PMBelCOL PEmails" <PMBelCOL.PEmails@nrc.gov>
Tracking Status: None
"rgrumbir@gmail.com" <rgrumbir@gmail.com>
Tracking Status: None
"alsterdis@tva.gov" <alsterdis@tva.gov>
Tracking Status: None
"erg-xl@cox.net" <erg-xl@cox.net>
Tracking Status: None
"pshastings@duke-energy.com" <pshastings@duke-energy.com>
Tracking Status: None
"Ray, Phillip M" <pmray@tva.gov>
Tracking Status: None

**Post Office:** HQCLSTR02.nrc.gov

| **Files** | **Size** | **Date & Time** |
|---|---|---|
| MESSAGE | 358 | 5/12/2008 2:56:12 PM |
| BEL-RAI-LTR-011.pdf | 91334 | |

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

May 9, 2008

Ms. Andrea L. Sterdis
Manager, Nuclear Licensing & Industry Affairs
Nuclear Generation Development & Construction
Tennessee Valley Authority
1101 Market Street
Chattanooga, Tennessee 37402-2801

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 011 RELATED TO SRP SECTION 09.05.01 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION

Dear Ms. Sterdis:

By letter dated September 30, 2007, as supplemented by letters dated November 2, 2007, January 8, 2008 and January 14, 2008, Tennessee Valley Authority (TVA) submitted its application to the U. S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for two AP1000 advance passive pressurized water reactors pursuant to 10 CFR Part 52. The NRC staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter.

To support the review schedule, you are requested to respond within 45 days of the date of this letter. If changes are needed to the final safety analysis report, the staff requests that the RAI response include the proposed wording changes.

If you have any questions or comments concerning this matter, you may contact me at 301-415-1387 or you may contact Joesph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

/**RA**/

Tanya Simms, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-014
52-015

Enclosure:
Request for Additional Information

CC: see next page

If you have any questions or comments concerning this matter, you may contact me at 301-415-1387 or you may contact Joesph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

/**RA**/

Tanya Simms, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-014
52-015
eRAI Tracking No. 98

Enclosure:
Request for Additional Information

Distribution:

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ADAMS Accession No. ML081300722 NRO-002

| OFFICE | SFPT/BC | NWE1/PM | OGC | NWE1/L-PM |
|---|---|---|---|---|
| NAME | RRadlinski * | TSimms* | PMoulding* | JSebrosky* |
| DATE | 4/03/08 | 4/29/08 | 5/2/08 | 5/09/08 |

*Approval captured electronically in the electronic RAI system.

**OFFICIAL RECORD COPY**

**Request for Additional Information No. 98 Revision 0**
**Bellefonte Units 3 and 4**
**Tennessee Valley Authority**
**Docket No. 52-014 and 52-015**
**SRP Section: 09.05.01 - Fire Protection Program**
**Application Section: 9.5.1 - Fire Protection System**

**QUESTION from Fire Protection Team (SFPT)**

09.05.01-4

Electrical Raceway Fire Barrier Systems - Regarding the primary containment fire area, the AP1000 DCD states in Section 9.5.1.2.1.1 that “selected cables of a safety-related division which pass through a fire zone of an unrelated division are protected by fire barrier systems.” Please describe any electrical raceway fire barrier systems the applicant intends to employ in that context to ensure post-fire safe shutdown, and describe how any such systems will be tested and qualified.