

## **PMBelCOL PEmails**

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**From:** Tanya Simms  
**Sent:** Tuesday, June 03, 2008 2:28 PM  
**To:** rgrumbir@gmail.com; alsterdis@tva.gov; erg-xl@cox.net; pshastings@duke-energy.com; Ray, Phillip M  
**Cc:** Joseph Sebrosky; PMBelCOL PEmails; Ravindra Joshi  
**Subject:** RAI Letter No. 020 Related SRP Section 9.5.1 for Bellefonte Units 3 and 4  
**Attachments:** BEL-RAI-LTR-020.pdf

To All,

Attached is RAI Letter No. 020 related to SRP Section 9.5.1 for Bellefonte Units 3 and 4. The ADAMS Accession number is ML081480357. The RAI was used to assist in a test program so the date on the RAI does not reflect the proper time associated with this RAI. The start date for this RAI is today and the due date is July 18, 2008. This allows for the 45 days to submit your response.

Thank you,

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](mailto:tanya.simms@nrc.gov)

**Hearing Identifier:** Bellefonte\_COL\_Public\_EX  
**Email Number:** 251

**Mail Envelope Properties** (C4A4C9A16294FB4CBA5A36312D05FFAC0A9A0F29A9)

**Subject:** RAI Letter No. 020 Related SRP Section 9.5.1 for Bellefonte Units 3 and 4  
**Sent Date:** 6/3/2008 2:28:11 PM  
**Received Date:** 6/3/2008 2:28:13 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  
"Ravindra Joshi" <Ravindra.Joshi@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

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	679	6/3/2008 2:28:13 PM
BEL-RAI-LTR-020.pdf	126451	

**Options**

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

## **BellefonteRAIsPEm Resource**

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**From:** Tanya Simms  
**Sent:** Tuesday, May 27, 2008 1:03 PM  
**To:** BellefonteRAIsPEm Resource  
**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 020 RELATED TO SRP SECTION 09.05.01 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION  
**Attachments:** BEL-RAI-LTR-020.doc

**Hearing Identifier:** Bellefonte\_COL\_RAI\_Public  
**Email Number:** 4

**Mail Envelope Properties** (C4A4C9A16294FB4CBA5A36312D05FFAC0A99ADA3E7)

**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 020 RELATED TO SRP SECTION 09.05.01 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION  
**Sent Date:** 5/27/2008 1:02:36 PM  
**Received Date:** 5/27/2008 1:02:38 PM  
**From:** Tanya Simms

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

**Recipients:**  
"BellefonteRAIsPEm Resource" <BellefonteRAIsPEm.Resource@nrc.gov>  
Tracking Status: None

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

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	3	5/27/2008 1:02:38 PM
BEL-RAI-LTR-020.doc	50170	

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

May 13, 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. 020 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 Joseph 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. 99

Enclosure:  
Request for Additional Information

Distribution:

Public	RRadlinski	BHughes
RidsNroDnrlNwe1	SCoffin	MComar
RidsNroLAKGoldstein	TSimms	AHodgdon
RidsOgcMailCenter	BAnderson	TDinh
RidsAcrsAcnwMailCenter	SSanders	
RidsRgn2MailCenter	JMazza	
JSebrosky	PMoulding	

ADAMS Accession No. MLxxxxxxxxx

NRO-002

OFFICE	SFPT/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	RRadlinski *	TSimms*	PMoulding*	JSebrosky*
DATE	4/03/08	4/29/08	5/02/08	5/13/08

\*Approval captured electronically in the electronic RAI system.

**OFFICIAL RECORD COPY**

**Request for Additional Information No. 99 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)**

09.05.01-5

The Bellefonte COLA referenced NFPA 804 as the applicable standard for establishing a fire prevention surveillance plan. However, NFPA 804 has not been formally endorsed by the NRC and some of the guidance in the NFPA standard may conflict with regulatory requirements. Pursuant to 10 CFR 52.79(a)(41), describe any differences between the relevant acceptance criteria in SRP 9.5.1 and the applicant's intended use of NFPA 804, and explain how the applicant's intended use of NFPA 804 provides an acceptable method of complying with the agency's regulations.