

## **BellefonteRAIsPEm Resource**

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**From:** Tanya Simms  
**Sent:** Wednesday, July 09, 2008 8:59 AM  
**To:** BellefonteRAIsPEm Resource  
**Subject:** Request for Additional Information Letter No. 068 Related To SRP Section 09.05.01 for the Bellefonte Units 3 and 4 Combined License Application  
**Attachments:** BEL-RAI-LTR-068.doc

**Hearing Identifier:** Bellefonte\_COL\_RAI\_Public  
**Email Number:** 45

**Mail Envelope Properties** (C4A4C9A16294FB4CBA5A36312D05FFAC0A9AE5C63A)

**Subject:** Request for Additional Information Letter No. 068 Related To SRP Section 09.05.01 for the Bellefonte Units 3 and 4 Combined License Application  
**Sent Date:** 7/9/2008 8:58:36 AM  
**Received Date:** 7/9/2008 8:58:36 AM  
**From:** Tanya Simms

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

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

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

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MESSAGE	3	7/9/2008 8:58:36 AM
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**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** Yes  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

July 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. 068 RELATED TO  
SRP SECTION 09.05.01 FOR THE BELLEFONTE UNITS 3 AND 4 COMBINED  
LICENSE APPLICATION

Dear Ms. Sterdis:

By letter dated October 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. 292

Enclosure:  
Request for Additional Information

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NAME	RRadlinski *	TSimms*	AHodgdon*	JSebrosky*
DATE	5/13/08	6/09/08	6/13/08	7/09/08

\*Approval captured electronically in the electronic RAI system.

**OFFICIAL RECORD COPY**

**Request for Additional Information No. 292 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**

**QUESTION Fire Protection Team (SFPT)**

09.05.01-14

The NRC staff would like the applicant to clarify whether they will be crediting PRA and fire modeling results to demonstrate acceptable fire hazards or post-fire safe shutdown capabilities for specific fire scenarios? If so, the applicant should provide the NRC staff with details of the PRA and modeling program to include at the minimum the program name, program revision, input file, key assumptions, and results for review and approval.