

## **BellefonteRAIsPEm Resource**

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**From:** Brian Anderson  
**Sent:** Friday, July 11, 2008 10:56 AM  
**To:** BellefonteRAIsPEm Resource  
**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 070 RELATED TO SRP SECTION 18 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION  
**Attachments:** BLN-RAI-LTR-070.doc  
**Importance:** High

**Hearing Identifier:** Bellefonte\_COL\_RAI\_Public  
**Email Number:** 48

**Mail Envelope Properties** (CB87FC66F95637428C5E0D066E756B6F7C72B89453)

**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 070 RELATED TO  
SRP SECTION 18 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION  
**Sent Date:** 7/11/2008 10:56:00 AM  
**Received Date:** 7/11/2008 10:56:01 AM  
**From:** Brian Anderson

**Created By:** Brian.Anderson@nrc.gov

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

**Post Office:** HQCLSTR01.nrc.gov

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MESSAGE	3	7/11/2008 10:56:01 AM
BLN-RAI-LTR-070.doc	53242	

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

July 11, 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. 070 RELATED TO  
SRP SECTION 18 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 301-415-9967 or you may contact Joseph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

**/RA/**

Brian C. Anderson, 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 301-415-9967 or you may contact Joesph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

**/RA/**

Brian C. Anderson, Project Manager  
 AP1000 Projects Branch 1  
 Division of New Reactor Licensing  
 Office of New Reactors

Docket Nos. 52-014  
 52-015  
 eRAI Tracking No. 351

Enclosure:  
 Request for Additional Information

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NRO-002

OFFICE	COLP/BC		NWE1/PM	OGC	NWE1/L-PM
NAME	MJunge*		BAnderson*	AHodgdon*	JSebrosky*
DATE	5/27/08		5/28/08	6/3/08	7/11/08

\*Approval captured electronically in the electronic RAI system.

**OFFICIAL RECORD COPY**

**Request for Additional Information  
Bellefonte Units 3 and 4  
Tennessee Valley Authority  
Docket No. 52-014 and 52-015  
SRP Section: 18 - Human Factors Engineering  
Application Section: 18.11**

**QUESTION from Operator Licensing and Human Performance Branch**

18-1

Reg. Guide 1.206 section C.I.18.10.3 states the FSAR should summarize the results of V&V activities, including identification and resolution of HEDs and the major conclusions from these activities along with their bases.

The staff recognizes that implementation plans as well as equipment design are not sufficiently developed to support providing this level of detail. In lieu of summarizing the results of V&V activities, RG 1.206 states that these activities should be clearly identified in terms of what remaining evaluations need to be performed, when they will be completed, and how their completion will be communicated to the staff. ITAAC Table 3.2-1 from Chapter 3.2 of the Tier 1 AP1000 DCD outlines evaluations to be completed and states that a report will be generated to document results. Please provide completion dates for these evaluations and a similar outline of any additional evaluations planned.

References: RG1.206 section C.III.1 pgs 189-190, section C.I.18.10