

BellefonteRAIsPEm Resource

From: Tanya Simms
Sent: Tuesday, June 17, 2008 9:24 AM
To: BellefonteRAIsPEm Resource
Subject: Request for Additional Information Letter No. 040 Related To SRP Section 09.05.01 for the Bellefonte Units 3 And 4 Combined License Application
Attachments: BEL-RAI-LTR-040.doc

Hearing Identifier: Bellefonte_COL_RAI_Public
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Subject: Request for Additional Information Letter No. 040 Related To SRP
Section 09.05.01 for the Bellefonte Units 3 And 4 Combined License Application
Sent Date: 6/17/2008 9:24:00 AM
Received Date: 6/17/2008 9:24:01 AM
From: Tanya Simms

Created By: Tanya.Simms@nrc.gov

Recipients:
"BellefonteRAIsPEm Resource" <BellefonteRAIsPEm.Resource@nrc.gov>
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Reply Requested: Yes
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Expiration Date:
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June 17, 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. 040 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 30 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. 201

Enclosure:
Request for Additional Information

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NRO-002

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NAME	RRadlinski *	TSimms*	PMoulding*	JSebrosky*
DATE	4/28/08	5/30/08	6/05/08	6/06/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

**Request for Additional Information No. 201 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)

09.05.01-6

The AP1000 DCD design specifies an alternative concrete/steel composite material having at least a 2-hour fire rating for the Auxiliary Building stairwells serving as escape routes, access routes for firefighting, or access routes to areas containing equipment necessary for safe shutdown. Will the applicant use the concrete/steel composite building material for stairwells in the Yard Area and other outlying buildings? If so, please revise Section 9A.3.3 and address fire testing standards ASTM-E-119 and NFPA 251 in Section 9.5.5 as appropriate.

09.05.01-7

The Bellefonte COLA referenced DCD Section 9.5.2.2.1 (Wireless Telephone System) and FSAR Section 9.5.2.2.3.2.2 (VHF Radio System) for meeting BTP CMEB 9.5.1, Section C.5.g(4). However, neither of the above sections referenced their use by the fire brigade and other operations personnel required to achieve post-fire safe shutdown. Clarify which portable communication system is credited for the fire brigade and the post-fire safe shutdown operators.