PMBelCOL PEmails

From: Tanya Simms
Sent: Friday, June 20, 2008 11:24 AM
To: rgrumbir@gmail.com; alsterdis@tva.gov; erg-xl@cox.net; pshastings@duke-energy.com; Ray, Phillip M; kslays@duke-energy.com; Bob Hirmanpour
Cc: Joseph Sebrosky; PMBelCOL PEmails
Subject: RAI Letter No. 045 Related SRP Section 9.2.1 for Bellefonte Units 3 and 4
Attachments: BEL-RAI-LTR-045.pdf

To All,

Attached is RAI Letter No. 045 related SRP Section 9.2.1 for Bellefonte Units 3 and 4. The ADAMS Accession number is ML081720112.

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: 328

Mail Envelope Properties (C4A4C9A16294FB4CBA5A36312D05FFAC0A9B22050D)

Subject: RAI Letter No. 045 Related SRP Section 9.2.1 for Bellefonte Units 3 and 4
Sent Date: 6/20/2008 11:24:18 AM
Received Date: 6/20/2008 11:24:21 AM
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
"kslays@duke-energy.com" <kslays@duke-energy.com>
Tracking Status: None
"Bob Hirmanpour" <bobhirman@live.com>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	403	6/20/2008 11:24:21 AM
BEL-RAI-LTR-045.pdf	127983	

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

BellefonteRAIsPEm Resource

From: Tanya Simms
Sent: Friday, June 20, 2008 9:11 AM
To: BellefonteRAIsPEm Resource
Subject: Request for Additional Information Letter No. 045 Related to SRP Section 09.02.01 for the Bellefonte Units 3 and 4 Combined License Application
Attachments: BEL-RAI-LTR-045.doc

Hearing Identifier: Bellefonte_COL_RAI_Public
Email Number: 21

Mail Envelope Properties (C4A4C9A16294FB4CBA5A36312D05FFAC0A9B22028A)

Subject: Request for Additional Information Letter No. 045 Related to SRP Section 09.02.01 for the Bellefonte Units 3 and 4 Combined License Application
Sent Date: 6/20/2008 9:11:15 AM
Received Date: 6/20/2008 9:11:18 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

Files	**Size**	**Date & Time**
MESSAGE	3	6/20/2008 9:11:18 AM
BEL-RAI-LTR-045.doc	51194	

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

June 20, 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. 045 RELATED TO SRP SECTION 09.02.01 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 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. 323

Enclosure:
Request for Additional Information

Distribution:

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NRO-002

OFFICE	SFPT/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	JSegala *	TSimms*	AHodgdon*	JSebrosky*
DATE	5/22/08	6/12/08	6/13/08	6/16/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 323 Revision 0
Bellefonte Units 3 and 4
Tennessee Valley Authority
Docket No. 52-014 and 52-015
SRP Section: 01 - Introduction and Interfaces
Application Section: Bellefonte Section 9.2.11, "Raw Water System."

QUESTION from Balance of Plant Branch 1 (SBPA)

01-2

In FSAR Section 9.2.11.4, “Safety Evaluation,” the applicant states the following: “The RWS (raw water system) has no safety-related function and, therefore, requires no nuclear safety evaluation. It has no interconnection with any system that contains radioactive fluids.” In FSAR Section 9.2.11.1.2, “Power Design Basis,” the applicant states that a function for RWS includes piping to “provide an alternate dilution source for radwaste discharge when the CWS is not available.” The staff requests the applicant to provide clarification regarding the conflicting statements in these two sections. Also, the staff requests the applicant to clarify whether the RWS has an interconnection with any system that contains radioactive fluids. If so, the staff requests the applicant to provide justification that the RWS will not affect the safety-related SSCs that are connected to the RWS.