BellefonteRAIsPEm Resource

From: Tanya Simms
Sent: Wednesday, August 06, 2008 12:39 PM
To: BellefonteRAIsPEm Resource
Subject: Request for Additional Information Letter No. 103 Related To SRP Section 01 for the Bellefonte Units 3 and 4 Combined License Application
Attachments: BEL-RAI-LTR-103.doc

Hearing Identifier: Bellefonte_COL_RAI_Public
Email Number: 85

Mail Envelope Properties (C4A4C9A16294FB4CBA5A36312D05FFAC0A9C71EDD4)

Subject: Request for Additional Information Letter No. 103 Related To SRP Section 01 for the Bellefonte Units 3 and 4 Combined License Application
Sent Date: 8/6/2008 12:39:15 PM
Received Date: 8/6/2008 12:39:17 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

Files	**Size**	**Date & Time**
MESSAGE	3	8/6/2008 12:39:17 PM
BEL-RAI-LTR-103.doc	50682	

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

August 6, 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. 103 RELATED TO SRP SECTION 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 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. 321

Enclosure:
Request for Additional Information

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NRO-002

OFFICE	SBPA/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	JSegala*	TSimms*	PMoulding*	JSebrosky*
DATE	5/22/08	6/24/08	7/14/08	8/06/08

*Approval captured electronically in the electronic RAI system.

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Request for Additional Information No. 321 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

QUESTION from Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)

01-9

Regulatory guidance for the evaluation of the Raw Water System is found in Standard Review Plan (SRP) Section 9.2.1, "Station Service Water System." The SRP acceptance criteria are based on meeting General Design Criterion (GDC) 4 as it relates to structures, systems, and components (SSCs) important to safety being designed to accommodate the effects of and to be compatible with the environmental conditions associated with normal operation, maintenance, testing and postulated accidents, including loss-of-coolant accidents. Explain how FSAR Section 9.2.11, “Raw Water System,” addresses protection of SSCs important to safety from the effects of flooding from a RWS component failure (i.e., explain why flooding due to RWS failure will not result in detrimental effects on SSCs important to safety).