BellefonteRAIsPEm Resource

From: Manny Comar
Sent: Wednesday, March 04, 2009 2:03 PM
To: BellefonteRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 150 RELATED TO SRP SECTION 17.04 FOR THE BELLEFONTE UNITS 3 AND 4 COMBINED LICENSE APPLICATION
Attachments: BEL-RAI-LTR-150.doc

Hearing Identifier: Bellefonte_COL_RAI_Public
Email Number: 137

Mail Envelope Properties (3AF7DEF82ADA8944AD8247B7ED7FD65182B3A602DD)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 150 RELATED TO SRP SECTION 17.04 FOR THE BELLEFONTE UNITS 3 AND 4 COMBINED LICENSE APPLICATION
Sent Date: 3/4/2009 2:03:24 PM
Received Date: 3/4/2009 2:03:30 PM
From: Manny Comar

Created By: Manny.Comar@nrc.gov

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

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MESSAGE	13	3/4/2009 2:03:30 PM
BEL-RAI-LTR-150.doc	52218	

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

March 4, 2009

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.150 RELATED TO SRP SECTION 17.04 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 301-415-3863 or you may contact Joesph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

/**RA**/

Manny Comar, 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 301-415-3863 or you may contact Joesph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

/**RA**/

Manny Comar, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-014
52-015
eRAI Tracking No. 2211

Enclosure:
Request for Additional Information

CC: see next page

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NAME	LMrowca*	MComar*	AHodgdon*	JSebrosky*
DATE	2/17/09	2/18/09	2/20/09	2/20/09

*Approval captured electronically in the electronic RAI system.

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Request for Additional Information No. 2211

3/4/2009

Bellefonte Units 3 and 4
TVA
Docket No. 52-014 and 52-015
SRP Section: 17.04 - Reliability Assurance Program (RAP)
Application Section: 17.4

QUESTIONS from PRA Licensing, Operations Support and Maintenance Branch 1 (AP1000/EPR Projects) (SPLA)

17.04-2

(Follow-up to Question 17.04-01) Regulatory Guide 1.206, Section C.III.1, Subsection C.I.17.4.4, lists the information combined license (COL) applicants should submit related to their reliability assurance program (RAP). For example, COL applicants describe the quality controls for developing and implementing the RAP, how quality assurance requirements are implemented, and how RAP will be integrated into the applicant's existing operational programs.

The Bellefonte Units 3 and 4 Final Safety Analysis Report (FSAR) incorporates Section 17.4 of the AP1000 Design Control Document (DCD) by reference. However, this section of the DCD discusses the AP1000 organization and initial identification of risk-significant structures, systems, and components (SSC). While the program may be similar to that described for AP1000, the COL holder should impose its own program on its organization and contractors.

Using RG 1.206 as a guide, revise the FSAR to describe the organizational and process aspects of the RAP that will be performed by the COL holder (i.e., between the development of the design-specific program by the AP1000 organization and the initial fuel load).