

BellefonteRAIsPEm Resource

From: Tanya Simms
Sent: Tuesday, March 03, 2009 1:14 PM
To: BellefonteRAIsPEm Resource
Subject: Request for Additional Information Letter No. 149 Related To SRP Section 08.03.01 for the Bellefonte Units 3 and 4 Combined License Application
Attachments: BEL-RAI-LTR-149.doc

Hearing Identifier: Bellefonte_COL_RAI_Public
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Subject: Request for Additional Information Letter No. 149 Related To SRP Section 08.03.01 for the Bellefonte Units 3 and 4 Combined License Application
Sent Date: 3/3/2009 1:14:12 PM
Received Date: 3/3/2009 1:14:15 PM
From: Tanya Simms

Created By: Tanya.Simms@nrc.gov

Recipients:
"BellefonteRAIsPEm Resource" <BellefonteRAIsPEm.Resource@nrc.gov>
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Options
Priority: Standard
Return Notification: No
Reply Requested: Yes
Sensitivity: Normal
Expiration Date:
Recipients Received:

March 3, 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. 149 RELATED TO
SRP SECTION 08.03.01 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 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. 1934

Enclosure:
Request for Additional Information

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NAME	RJenkins*	TSimms*	JMartin*	JSebrosky*
DATE	1/13/09	1/15/09	2/13/09	3/03/09

*Approval captured electronically in the electronic RAI system.

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**Request for Additional Information No. 1934 Revision 1
Bellefonte Units 3 and 4
Tennessee Valley Authority
Docket No. 52-014 and 52-015
SRP Section: 08.03.01 - AC Power Systems (Onsite)
Application Section: SRP 8.3.1**

QUESTION from Electrical Engineering Branch (EEB)

08.03.01-2

RAI-SRP 8.3.1-EEB-02

Combined License (COL) action item 8.3.1.2-1 in the NRC's Final Safety Evaluation Report for the AP1000 Design Control Document (NUREG-1793), contains the following discussion:

“Preoperational tests are conducted to verify proper operation of the ac power system. The preoperational tests include operational testing of the diesel load sequencer and diesel generator capacity testing. The diesel generators are not safety-related and will be maintained in accordance with the requirements of the overall plant maintenance program. This program will cover the preventive, corrective, and predictive maintenance activities of the plant systems and equipment and will be presented in the COL application. This COL information is discussed in DCD Tier 2, Section 8.3.3, “Combined License Information for Onsite Electrical Power.”

Provide a reference to where the preoperational testing program and the preventive, corrective, and predictive maintenance activities for the diesel generators is discussed in the application to satisfy this interface requirement, or provide a proposed revision to the application to address this issue.