BellefonteRAIsPEm Resource

From: Brian Hughes
Sent: Tuesday, December 02, 2008 12:54 PM
To: BellefonteRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 136 RELATED TO SRP SECTION 03.08.05 FOR THE BELLEFONTE
Attachments: BEL-RAI-LTR-136.doc

Brian Hughes
Project Manager
NRO/DNRL/NWE1
US NRC
301-415-6582

Hearing Identifier: Bellefonte_COL_RAI_Public
Email Number: 125

Mail Envelope Properties (D841D501B2C4D244B75AB897F70C149484E771A1CA)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 136 RELATED TO SRP SECTION 03.08.05 FOR THE BELLEFONTE
Sent Date: 12/2/2008 12:53:53 PM
Received Date: 12/2/2008 12:54:15 PM
From: Brian Hughes

Created By: Brian.Hughes@nrc.gov

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

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	96	12/2/2008 12:54:15 PM
BEL-RAI-LTR-136.doc	52218	

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

December 2, 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. 136 RELATED TO SRP SECTION 03.08.05 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 301-415-6582 or you may contact Joesph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

/**RA**/

Brian Hughes, 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

If you have any questions or comments concerning this matter, you may contact me at 301-415-6582 or you may contact Joesph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

/**RA**/

Brian Hughes, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-014
52-015
eRAI Tracking No. 1466

Enclosure:
Request for Additional Information

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NRO-002

OFFICE	EMB1	NWE1/PM	OGC	NWE1/L-PM
NAME	JMa*	BHughes*	JMartin*	JSebrosky*
DATE	7/2/08	12/02/08	10/30/08	10/31/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 1466

12/2/2008

Bellefonte Units 3 and 4
TVA
Docket No. 52-014 and 52-015
SRP Section: 03.08.05 - Foundations
Application Section: 3.8.5

QUESTIONS for AP1000 Projects Branch 1 (NWE1)

03.08.05-1

RAI-SRP 3.8.5 – 01:
Table 1.8-1 of AP1000 DCD, Rev. 16 requires that plant interface items 3.4 through 3.7 related to building foundations be provided for Section 3.8. COL supplemental information item STD SUP 3.8-1 provided a reference in the FSAR for the depth of embedment of foundations which addresses interface item 3.5. However, information for the other items was not provided. Therefore, the applicant is requested to provide the following information for the other interface items:

Item 3.4 – depth of overburden (from final plant grade)
Item 3.6 – specific depth of waterproofing
Item 3.7 – foundation settlement monitoring