PMBelCOL PEmails

From: Brian Hughes
Sent: Thursday, August 07, 2008 12:51 PM
To: Bob Hirman ; Eddie R Grant ; Joseph Sebrosky; Kim Slays ; Phillip Ray
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 107 RELATED TO SRP SECTION 03.09.03 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION
Attachments: BEL-RAI-LTR-107.pdf

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

Hearing Identifier: Bellefonte_COL_Public_EX
Email Number: 896

Mail Envelope Properties (D841D501B2C4D244B75AB897F70C14946F19969820)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 107 RELATED TO SRP SECTION 03.09.03 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION
Sent Date: 8/7/2008 12:50:31 PM
Received Date: 8/7/2008 12:50:33 PM
From: Brian Hughes

Created By: Brian.Hughes@nrc.gov

Recipients:
"Bob Hirman " <bobhirman@live.com>
Tracking Status: None
"Eddie R Grant " <erg-xl@cox.net>
Tracking Status: None
"Joseph Sebrosky" <Joseph.Sebrosky@nrc.gov>
Tracking Status: None
"Kim Slays " <kslays@duke-energy.com>
Tracking Status: None
"Phillip Ray " <pmray@tva.gov>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	96	8/7/2008 12:50:33 PM
BEL-RAI-LTR-107.pdf	161059	

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

BellefonteRAIsPEm Resource

From: Brian Hughes
Sent: Thursday, August 07, 2008 12:34 PM
To: BellefonteRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 107 RELATED TO SRP SECTION 03.09.03 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION
Attachments: BEL-RAI-LTR-107.doc

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

Hearing Identifier: Bellefonte_COL_RAI_Public
Email Number: 88

Mail Envelope Properties (D841D501B2C4D244B75AB897F70C14946F199697F2)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 107 RELATED TO SRP SECTION 03.09.03 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION
Sent Date: 8/7/2008 12:34:02 PM
Received Date: 8/7/2008 12:34:04 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	8/7/2008 12:34:04 PM
BEL-RAI-LTR-107.doc	52218	

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

August 7, 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. 107 RELATED TO SRP SECTION 03.09.03 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. 649

Enclosure:
Request for Additional Information

Distribution:

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NRO-002

OFFICE	EMB1	NWE1/PM	OGC	NWE1/L-PM
NAME	ALee*	BHughes*	PMoulding*	JSebrosky*
DATE	7/9/08	7/30/08	7/26/08	8/06/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information

8/7/2008

Bellefonte Units 3 and 4
TVA
Docket No. 52-014 and 52-015
SRP Section: 03.09.03 - ASME Code Class 1, 2, and 3 Components
Application Section: 3.9.3

QUESTIONS from Engineering Mechanics Branch (EMB2)

03.09.03-1
AP1000 DCD Tier 2, Section 3.9.8.3, "Snubber Operability Testing," states that Combined License applicants referencing the AP1000 design will develop a program to verify operability of essential snubbers as outlined in DCD Tier 2, Section 3.9.3.4.3, "Snubbers Used as Component and Piping Supports." In its application, Bellefonte stated in FSAR Section 3.9.8.3, "Snubber Operability Testing," that the COL item, STD COL 3.9-3, is addressed in FSAR Section 3.9.3.4.4, "Inspection, Testing, Repair and/or Replacement of Snubbers." As indicated in the FSAR, STD COL 3.9-3 covers a variety of snubber design and surveillance information, including snubber design and testing, snubber installation requirements, as well as snubber preservice and in-service examination and testing. Please address the following: (1) clarify what "snubber operability testing" encompasses for the purposes of STD COL 3.9-3; (2) discuss whether STD COL 3.9-3 represents Bellefonte's complete plant-specific, updated snubber requirements, not already covered in AP1000 DCD Tier 2, Section 3.9.3; (3) clarify whether all or only part of STD COL 3.9-3 is related to snubber operability testing; (4) for any portions of STD COL 3.9-3 which are not related to snubber operability testing, explain why they are included as part of the COL item; (5) discuss all the pertinent codes and standards on which STD COL 3.9-3 is based for purposes of assuring snubber operability; and (6) in light of the above, discuss any need to modify the content of STD COL 3.9-3 or its location within the Bellefonte FSAR.