

BellefonteRAIsPEm Resource

From: Brian Hughes
Sent: Thursday, August 07, 2008 1:22 PM
To: BellefonteRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 108 RELATED TO SRP SECTION 03.07.04 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION
Attachments: BEL-RAI-LTR-108.doc

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

Hearing Identifier: Bellefonte_COL_RAI_Public
Email Number: 89

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Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 108 RELATED TO SRP SECTION 03.07.04 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION
Sent Date: 8/7/2008 1:22:19 PM
Received Date: 8/7/2008 1:22:20 PM
From: Brian Hughes

Created By: Brian.Hughes@nrc.gov

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

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MESSAGE	96	8/7/2008 1:22:20 PM
BEL-RAI-LTR-108.doc	51194	

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. 108 RELATED TO
SRP SECTION 03.07.04 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 301-415-6582 or you may contact Joseph 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. 523

Enclosure:
Request for Additional Information

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NRO-002

OFFICE	EMB1	NWE1/PM	OGC	NWE1/L-PM
NAME	CMunson*	BHughes*	PMoulding*	JSebrosky*
DATE	7/1/08	8/7/08	7/18/08	6/3008

*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: 03.07.04 - ASME Code Class 1, 2, and 3 Components
Application Section: 3.9.3**

QUESTIONS from Geosciences and Geotechnical Engineering Mechanics Branch (RGS2)

Application Section: 3.7.4

QUESTIONS

03.07.04-1

FSAR Section 3.7.4.4 states that "if the operating basis earthquake ground motion is exceeded or significant plant damage occurs, the plant must be shutdown in an orderly manner." However, Section 3.7.4.4 does not identify whether the cumulative absolute velocity (CAV) will be used as one of the criteria for determining whether the plant should be shutdown. Please clarify whether the CAV is part of the criteria for plant shutdown following an earthquake.