



Tennessee Valley Authority, 1101 Market Street, LP 5A, Chattanooga, Tennessee 37402-2801

August 29, 2008

10 CFR 52.79

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

In the Matter of )  
Tennessee Valley Authority )

Docket No. 52-014 and 52-015

**BELLEVILLE COMBINED LICENSE APPLICATION – RESPONSE TO REQUEST FOR  
ADDITIONAL INFORMATION – SYSTEM QUALITY GROUP CLASSIFICATION**

- Reference: 1) Letter from Brian Hughes (NRC) to Andrea L. Sterdis (TVA), Request for Additional Information Letter No. 117 Related to SRP Section 03.02.02 for the Belleville Units 3 and 4 Combined License Application, dated August 8, 2008.
- 2) Letter from Jack A. Bailey (TVA) to Document Control Desk (NRC), Response to NRC Letter 104, Seismic classification, dated August 29, 2008.

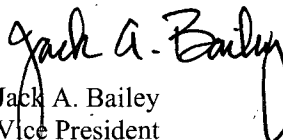
This letter provides the Tennessee Valley Authority's (TVA) response to the Nuclear Regulatory Commission's (NRC) request for additional information (RAI) items included in the reference letter.

A response to the NRC request in the subject letter (Reference 1) is addressed in the enclosure which does not identify any associated changes to be made in a future revision of the BLN application.

If you should have any questions, please contact Phillip Ray at 1101 Market Street, LP5A, Chattanooga, Tennessee 37402-2801, by telephone at (423) 751-7030, or via email at pmray@tva.gov.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on this 29<sup>th</sup> day of Aug, 2008.

  
Jack A. Bailey  
Vice President  
Nuclear Generation Development

Enclosure  
cc: See Page 2

*DOB5  
NRD*

Document Control Desk

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cc: (w/Enclosure)

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B. C. Anderson, NRC/HQ  
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C. R. Pierce, SNC  
R. Reister, DOE/PM  
L. Reyes, NRC/RII  
J. M. Sebrosky, NRC/HQ  
T. Simms, NRC/HQ  
K. N. Slays, NuStart

Enclosure  
TVA letter dated August 29, 2008  
RAI Response

Response to NRC Request for Additional Information letter No. 117 dated August 8, 2008  
(2 pages, including this list)

Subject: System Quality Group Classification in the Final Safety Analysis Report

<u>RAI Number</u>	<u>Date of TVA Response</u>
03.02.02-02	This letter – see following page

<u>Associated Additional Attachments / Enclosures</u>	<u>Pages Included</u>
None	

Enclosure  
TVA letter dated August 29 2008  
RAI Response

**NRC Letter Dated: August 8, 2008**

**NRC Review of Final Safety Analysis Report**

**NRC RAI NUMBER: 03.02.02-02**

General Design Criterion 1 identifies, in part, that structures systems and components important to safety shall be designed, fabricated, erected and tested to quality standards commensurate with the importance of the safety functions to be performed. Where generally recognized codes and standards are used, they shall be supplemented or modified as necessary to assure a quality product in keeping with the required safety function.

Clarify whether any supplemental quality standards will be applied to any nonsafety-related site-specific SSCs not addressed in the DCD that are important to safety (Note 1).

Note1:

Subsection 3.1.1 of the AP1000 DCD identifies that AP1000 complies with the intent of GDC 1 and states that safety-related items are designed, procured, fabricated, inspected and tested to quality standards commensurate with the safety-related functions to be performed. The COLA identifies in FSAR Section 3.1 that, relative to the GDC, there are no departures or supplements to the DCD. DCD Subsection 3.1.1 refers to Section 3.2 for principal design criteria, design bases, codes and standards. COLA subsection 3.2 identifies that there are no safety-related SSCs outside the scope of the DCD and this document does not identify any departures from DCD subsection 3.1 or 3.2 regarding quality standards. However, DCD Subsection 17.5 identifies that the Combined License applicant or holder will address its design phase QA program and that the COL applicant will address certain specified failures of nonsafety-related risk-significant SSCs.

**BLN RAI ID: 1112**

**BLN RESPONSE:**

As indicated in the response to NRC RAI Number 03.02.01-01 (BLN-RAI-LTR-104, Reference 2), there are no site-specific nonsafety-related SSCs outside the scope of the DCD that are important to safety. The nonsafety-related SSCs outside the scope of the DCD are classified non-seismic (NS).

As indicated in the QAPD Part III (provided with the COLA), supplemental quality standards are to be applied to selected nonsafety-related SSCs; however these SSCs are within the design scope of the DCD.

This response is expected to be STANDARD for the S-COLAs.

**ASSOCIATED BLN COL APPLICATION REVISIONS:**

No COLA revisions have been identified associated with this response.

**ASSOCIATED ATTACHMENTS/ENCLOSURES:**

None