



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. 118 Related to SRP Section 03.02.01 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.

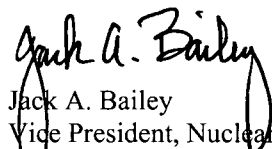
This letter provides the Tennessee Valley Authority's (TVA) response to the Nuclear Regulatory
Commission's (NRC) request for additional information (RAI) item included in the reference letter.

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 29th day of Aug, 2008.


Jack A. Bailey
Vice President, Nuclear Generation Development

Enclosure
cc: See Page 2

*DOB5
NEO*

Document Control Desk

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cc: (w/Enclosure)

J. P. Berger, EDF
E. Cummins, Westinghouse
S. P. Frantz, Morgan Lewis
M. W. Gettler, FP&L
R. C. Grumbir, NuStart
P. S. Hastings, NuStart
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B. Hughes, NRC/HQ
M. C. Kray, NuStar
D. Lindgren, Westinghouse
G. D. Miller, PG&N
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K. N. Slays, NuStart
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M. M. Comar, NRC/HQ
R. G. Joshi, NRC/HQ
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M. C. Kray, NuStart
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R. Reister, DOE/PM
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T. Simms, NRC/HQ
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Enclosure
TVA letter dated August 29, 2008
RAI Response

Response to NRC Request for Additional Information letter No.118 dated August 8, 2008
(2 pages, including this list)

Subject: Seismic Classification in the Final Safety Analysis Report

<u>RAI Number</u>	<u>Date of TVA Response</u>
03.02.01-04	This letter – see following pages

<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: 03.02.01-04

It is not clear in either the DCD or the FSAR how 10 CFR 50 Appendix B is applied to seismic Category II SSCs, including those that may be site-specific. DCD Appendix 1A identifies that AP1000 conforms to RG 1.29 Regulatory Position C.4 and Section 1.8 identifies COL Item 17.5-1 for quality assurance in the design phase. DCD subsection 17.5.2 identifies that the COL applicant will address its QA program and the quality assurance program will include provisions for seismic Category II structures, systems and components (SSCs).

The applicant is requested to clarify the extent that pertinent quality assurance requirements of Appendix B to 10 CFR Part 50 in Regulatory Position C.4 of RG 1.29 apply to those activities affecting the safety-related functions of those portions of SSCs covered under Regulatory Positions 2 and 3 of RG 1.29, including any site-specific SSCs.

BLN RAI ID: 1108

BLN RESPONSE:

There are no site-specific seismic Category II SSCs. As indicated in the response to NRC RAI No. 03.02.01-01 (see response to BLN-RAI-LTR104, Reference 2), the nonsafety-related SSCs outside the scope of the DCD are classified non-seismic (NS). Application of 10CFR Part 50, Appendix B, to the seismic Category II SSCs within the scope of the DCD is as addressed by 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