



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

August 22, 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

BELLEFONTE COMBINED LICENSE APPLICATION – RESPONSE TO REQUEST FOR  
ADDITIONAL INFORMATION – SEISMIC AND DYNAMIC QUALIFICATION

Reference: Letter from Brian Hughes (NRC) to Andrea L. Sterdis (TVA), Request for  
Additional Information Letter No. 111 Related to SRP Section 03.10 for the  
Bellefonte Units 3 and 4 Combined License Application, dated August 7, 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 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 22<sup>nd</sup> day of Aug, 2008.

Andrea L. Sterdis  
Manager, New Nuclear Licensing and Industry Affairs  
Nuclear Generation Development & Construction

Enclosure  
cc: See Page 2

D085  
NRO

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cc: (w/Enclosures)

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  
P. Hinnenkamp, Entergy  
B. Hughes, NRC/HQ  
M.C. Kray, NuStart  
D. Lindgren, Westinghouse  
G. D. Miller, PG&N  
M.C. Nolan, Duke Energy  
N. T. Simms, Duke Energy  
G. A. Zinke, NuStart

cc: (w/o Enclosure)

B. C. Anderson, NRC/HQ  
M.M. Comar, NRC/HQ  
R. H. Kitchen, PGN  
M.C. Kray, NuStart  
A. M. Monroe, SCE&G  
C. R. Pierce, SNC  
R. Reister, DOE/PM  
L. Reyes, NRC/RII  
T. Simms, NRC/HQ  
K. N. Slays, NuStart  
J. M. Sebrosky, NRC/HQ

Enclosure  
TVA letter dated August 22, 2008  
RAI Response

Response to NRC Request for Additional Information letter No. 111 dated August 7, 2008  
(2 pages, including this list)

Subject: Seismic and Dynamic Qualification in the Final Safety Analysis Report

<u>RAI Number</u>	<u>Date of TVA Response</u>
03.10-01	This letter – see following page

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

Enclosure  
TVA letter dated August 22, 2008  
RAI Response

**NRC Letter Dated: August 7, 2008**

**NRC Review of Final Safety Analysis Report**

**NRC RAI NUMBER: 03.10-01**

Provide an implementation program, including milestones and completion dates with appropriate information submitted with sufficient time for staff review and approval prior to installation of the equipment (not just prior to fuel loading), in accordance with Section C.I.3.10.4 of RG 1.206; or justify its omission.

**BLN RAI ID: 1119**

**BLN RESPONSE:**

Details of the implementation milestones for the seismic and dynamic qualification program are not currently available, and are not expected to be available until after a detailed construction schedule of the plant has been developed. Appropriate scheduling information will be provided, when available, to the NRC as necessary to support timely completion of their inspection and audit functions. Additionally, seismic and dynamic qualification is the subject of ITAAC, and 10 CFR 52.99(a) does not require that a schedule for implementing ITAAC be provided to the NRC until one year after issuance of the combined license.

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