



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

July 17, 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 – FIRE PROTECTION PROGRAM**

Reference: Letter from Tanya Simms (NRC) to Andrea L. Sterdis (TVA), Request for  
Additional Information Letter No. 046 Related to SRP Section 09.05.01 for the  
Bellefonte Units 3 and 4 Combined License Application, dated June 20, 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 is addressed in the enclosure which also  
identifies any associated changes that will 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 17<sup>th</sup> day of July 2008.

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

Enclosure  
cc: See Page 2

DAB  
NRO

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cc: (Enclosures)

E. Cummins, Westinghouse  
S. P. Frantz, Morgan Lewis  
M.W. Gettler, FP&L  
R. C. Grumbir, NuStart  
P. S. Hastings, NuStart  
P. . Hinnenkamp, Entergy  
M.C. Kray, NuStart  
D. Lindgren, Westinghouse  
G. D. Miller, PG&N  
M.C. Nolan, Duke Energy  
N.T. Simms, Duke Energy  
T. Simms, NRC/HQ  
G.A. Zinke, NuStart

cc: (w/o Enclosure)

B. Anderson, NRC/HQ  
M.M.Comar, NRC/HQ  
B. Hughes ,NRC/HQ  
R. G. Joshi, NRC/HQ  
R. H. Kitchen, PGN  
A.M. Monroe, SCE&G  
C. R. Pierce, SNC  
R. Register, DOE/PM  
L. Reyes, NRC/RII  
J. M. Sebrosky, NRC/HQ

Enclosure  
TVA letter dated July 17, 2008  
RAI Response

Responses to NRC Request for Additional Information letter No. 046 dated June 20, 2008  
(2 pages, including this list)

Subject: Fire Protection Program

<u>RAI Number</u>	<u>Date of TVA Response</u>
09.05.01-13	This letter – see following pages

Attachments / Enclosures  
None

Pages Included

Enclosure  
TVA letter dated July 17, 2008  
RAI Response

**NRC Letter Dated: June 20, 2008**

**NRC Review of Final Safety Analysis Report**

**NRC RAI NUMBER: 09.05.01-13**

RG 1.189, Regulatory Guide 1.6.4.1 states that the fire brigade leader should be competent to assess the potential safety consequences of a fire and advise control room personnel. Competence may be evidenced by possession of an operator's license or equivalent knowledge of plant system. Since the Bellefonte COLA does not include the requirement for the fire brigade leader to be a licensed operator, the applicant should either revise COLA Section 9.5.1.8.2.2 to include this requirement or provide clarification for the fire brigade leader's level of competence on plant systems.

**BLN RAI ID: 0614**

**BLN RESPONSE:**

COLA Section 9.5.1.8.2.2 will be revised to include fire brigade leader's level of competence using guidance provide in RG 1.189, as shown below in the Application Revisions section.

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

**ASSOCIATED BLN COL APPLICATION REVISIONS:**

COLA Part 2, FSAR Chapter 9, Subsection 9.5.1.8.2.2 second paragraph will be revised from:

The fire brigade leader and at least two brigade members per shift have sufficient training and knowledge of plant safety-related systems to understand the effects of fire and fire suppressants on safe shutdown capability.

To read:

The fire brigade leader and at least two brigade members per shift have sufficient training and knowledge of plant safety-related systems to understand the effects of fire and fire suppressants on safe shutdown capability. The brigade leader is competent to assess the potential safety consequences of a fire and advise control room personnel. Such competence by the brigade leader may be evidenced by possession of an operator's license or equivalent knowledge of plant systems.

**ATTACHMENTS/ENCLOSURES:**

None