May 5, 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. 008 RELATED TO SRP SECTION 09.05.01 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION

Dear Ms. Sterdis:

By letter dated September 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 45 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 301-415-1387 or you may contact Joesph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

/**RA**/

Tanya Simms, 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

CC: see next page

If you have any questions or comments concerning this matter, you may contact me at 301-415-1387 or you may contact Joesph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

/**RA**/

Tanya Simms, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-014
52-015
eRAI Tracking No. 92

Enclosure:
Request for Additional Information

Distribution:

Public	RRadlinski	BHughes
RidsNroDnrlNwe1	SCoffin	MComar
RidsNroLAKGoldstein	TSimms	AHodgdon
RidsOgcMailCenter	BAnderson	TDinh
RidsAcrsAcnwMailCenter	SSanders	
RidsRgn2MailCenter	JMazza	
JSebrosky	PMoulding	

ADAMS Accession No. ML081260058 NRO-002

OFFICE	SFPT/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	RRadlinski *	TSimms*	PMoulding*	JSebrosky*
DATE	4/01/08	4/16/08	4/17/08	4/28/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information
Bellefonte Units 3 and 4
Tennessee Valley Authority
Docket No. 52-014 and 52-015
SRP Section: 09.05.01 - Fire Protection Program
Application Section: 9.5.1 - Fire Protection System

QUESTION from Fire Protection Team (SFPT)

09.05.01-1

The Bellefonte COLA, Part 10, Page LC-6, proposes a license condition allowing self-approval of changes that impact the approved fire protection program if "those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire." As noted in Regulatory Position 1.8.1 of RG 1.189, Rev.1, this criterion should not be applied to new reactor plants. The change process for new reactor fire protection programs should be the same as that for the rest of the plant, i.e., in accordance with 10 CFR 52.98(c). The COL application should be revised accordingly.