



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

October 20, 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 – SHORT TERM DIFFUSION ESTIMATES**

Reference:


1. Letter from Joseph M. Sebrosky (NRC) to Andrea L. Sterdis (TVA), Request for Additional Information Letter No. 94 Related to SRP Section 2.3.4 for the Bellefonte Units 3 and 4 Combined License Application, dated August 1, 2008.
2. Letter From Jack Bailey (TVA) to Document Control Desk (NRC), Bellefonte Combined License Application – Response To Request For Additional Information – Short Term Diffusion Estimates

This letter provides the Tennessee Valley Authority’s (TVA) supplemental response to the Nuclear Regulatory Commission’s (NRC) request for additional information (RAI) item 02.03.04-03 included in Reference 1.

Although a response to each NRC request in Reference 1 was addressed in the enclosure to Reference 2, the NRC requested an appropriate re-submittal of electronically corrupted data files contained in Attachment 02.03.04-03A of TVA’s original response. The enclosure contains a response for RAI item 02.03.04-03 as discussed with the NRC regarding the corrupted files. Neither response wording nor the original TVA data has been changed with this data file submittal.

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 20<sup>th</sup> day of Oct, 2008.

  
Andrea L. Sterdis  
Manager, New Nuclear Licensing and Industry Affairs

Enclosure  
cc: See Page 2

DOB  
NRC

Document Control Desk  
October 20, 2008  
Page 2

cc: (Enclosures)

J. P. Berger, EDF  
J.M. Sebrosky, NRC/HQ  
E. Cummins, Westinghouse  
S. P. Frantz, Morgan Lewis  
M. W. Gettler, FP&L  
R. 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  
K. N. Slays, NuStart  
G. A. Zinke, NuStart

cc: (w/o Enclosure)

B. C. Anderson, NRC/HQ  
M. M. Comar, NRC/HQ  
B. Hughes/NRC/HQ  
R. G. Joshi, 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

Enclosure  
TVA letter dated October 20, 2008  
RAI Response

Response to NRC Request for Additional Information letter No. 94 dated August 1, 2008  
(2 pages, including this list)

Subject: Short Term Diffusion Estimates in the Final Safety Analysis Report

<u>RAI Number</u>	<u>Date of TVA Response</u>
02.03.04-01	August 26, 2008
02.03.04-02	August 26, 2008
02.03.04-03	August 26, 2008 Supplemental information in this letter – see following pages
02.03.04-04	August 26, 2008

<u>Associated Additional Attachments / Enclosures</u>	<u>Pages Included</u>
02.03.04-03A	1

Enclosure  
TVA letter dated October 20, 2008  
RAI Response

**NRC Letter Dated: August 1, 2008**

**NRC Review of Final Safety Analysis Report**

**NRC RAI NUMBER: 02.03.04-03 supplement**

The NRC has requested re-submittal of the Arcon96 data files (meteorological data) submitted with the original TVA response to this RAI.

**BLN RAI ID: 2196**

**BLN RESPONSE:**

TVA's review of the source data files originally supplied as a response to NRC RAI Number 02.03.04-03 determined that the previously submitted files may be corrupted. TVA is therefore resubmitting the applicable data files and has confirmed that the data files on the attached disk work in Arcon96. No data has been changed from the original submitted files. TVA's original response to NRC RAI Number 02.03.04-03 is still valid and this supplement does not change any content of that response.

This response is PLANT-SPECIFIC

**ASSOCIATED BLN COL APPLICATION REVISIONS:**

Revisions to the application were submitted with the original response and are still valid. Those revisions will not be repeated here.

Attachment 02.03.04-03A

(1 page)

Compact Disk Containing ARCON96 Input File  
and Meteorological Data File

(electronic files on enclosed CD)

ARCON96:

B0607.met  
BAN-CAR3.rsf  
BAN-CNT3.rsf  
BAN-FBP3.rsf  
BAN-PCS3.rsf  
BAN-PRV3.rsf  
BAN-PV3.rsf  
BAN-RWD3.rsf  
BAN-SV3.rsf  
BCR-CAR3.rsf  
BCR-CNT3.rsf  
BCR-FBP3.rsf  
BCR-PCS3.rsf  
BCR-PRV3.rsf  
BCR-PV3.rsf  
BCR-RWD3.rsf  
BCR-SV3.rsf  
BLN\_CARAN.LOG  
BLN\_CARCR.LOG  
BLN\_CNTAN.LOG  
BLN\_CNTCR.LOG  
BLN\_FBPAN.LOG  
BLN\_FBPCR.LOG  
BLN\_PCSAN.LOG  
BLN\_PCSCR.LOG  
BLN\_PRVAN.LOG  
BLN\_PRVCR.LOG  
BLN\_PVAN.LOG  
BLN\_PVCR.LOG  
BLN\_RBDAN.LOG  
BLN\_RBDCR.LOG  
BLN\_SVAN.LOG  
BLN\_SVCR.LOG