



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

January 15, 2009

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 – HYDROLOGY**

Reference: Letter from Joseph Sebrosky (NRC) to Andrea L. Sterdis (TVA), Request for
Additional Information Letter No. 064 Related to SRP Section 02.04.02 for the
Belleville Units 3 and 4 Combined License Application, dated July 3, 2008

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

The response to this request is included in the subject letter which also identifies any associated
changes that will be made in a future revision of the BLN application. Please note that this
transmittal includes a CD data disk that contains input files necessary for the NRC Staff to
perform confirmatory analyses.

If you should have any questions, please contact Tom Ryan at 1101 Market Street, LP5A,
Chattanooga, Tennessee 37402-2801, by telephone at (423) 751-2596, or via email at
wtryan@tva.gov.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on this 15th day of Jan, 2008.


Jack A. Bailey
Vice President, Nuclear Generation Development
Nuclear Generation Development and Construction

Enclosure
cc: See Page 2

*DOSS
NRO*

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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 January 15, 2009
RAI Responses

Responses to NRC Request for Additional Information letter No. 064 dated July 3, 2008
(2 pages, including this list)

Subject: Hydrology as described in the Final Safety Analysis Report

<u>RAI Number</u>	<u>Date of TVA Response</u>
02.04.02-02	This letter – see following page

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

Enclosure
TVA letter dated January 15, 2009
RAI Responses

NRC Letter Dated: July 3, 2008

NRC Review of Final Safety Analysis Report

NRC RAI NUMBER: 02.04.02-02

TVA should provide the NRC staff with Geographic Information System shape files of the new cross sections used in the updated simulated open channel hydraulics (SOCH) for Chickamauga, Nickajack and Guntersville reservoirs. This issue is associated with Attachment 5, item 49, of the May 13 -16, 2008, hydrology-related safety site trip report dated June 12, 2008 (ADAMS accession number ML081610308).

BLN RAI ID: 668

BLN RESPONSE:

TVA is providing a copy of the GIS shape files on CD for the Chickamauga, Nickajack and Guntersville Reservoirs.

This response is PLANT-SPECIFIC.

ASSOCIATED BLN COL APPLICATION REVISIONS:

No COLA revisions have been identified associated with this response.

ASSOCIATED ATTACHMENTS/ENCLOSURES:

None