



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

August 15, 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 – EQUIPMENT AND FLOOR DRAINAGE SYSTEM**

Reference: Letter from Brian C. Anderson (NRC) to Andrea Sterdis (TVA), Request for
Additional Information Letter No. 085 Related to SRP Section 09.03.03 for the
Belleville Units 3 and 4 Combined License Application, dated July 21, 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 15th 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

Document Control Desk

Page 2

August 15, 2008

cc: (Enclosure)

B. C. Anderson, NRC/HQ
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
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)

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
J. M. Sebrosky, NRC/HQ

Enclosure
TVA letter dated August 15, 2008
RAI Response

Response to NRC Request for Additional Information letter No. 085 dated July 21, 2008
(2 pages, including this list)

Subject: Waste Water Retention Basin in the Final Safety Analysis Report

<u>RAI Number</u>	<u>Date of TVA Response</u>
09.03.03-02	This letter – see following pages

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

Enclosure
TVA letter dated August 15, 2008
RAI Response

NRC Letter Dated: July 21, 2008

NRC Review of Final Safety Analysis Report

NRC RAI NUMBER: 09.03.03-02

In COL FSAR 9.2.9.2.2, the applicant provides a description of the waste water retention basin to address COL Information Item 9.2.11.2. The information provided does not include a description of basin transfer pumps. This design feature was included and approved in the AP1000, Rev. 15, design certification document, as documented in NUREG-1793, "Final Safety Evaluation Report Related to Certification of the AP1000 Standard Design." However, in Rev. 16, Westinghouse removed all references to the waste water retention basin from the DCD and identified it as COL information in Section 9.2.11.2. Therefore, please provide a description of basin transfer pumps.

BLN RAI ID: 0926

BLN RESPONSE:

As stated in FSAR Subsection 9.2.9.2.2, the size of the basin provides an adequate retention time for the settling of solids larger than 10 microns that may be suspended in the waste water stream. The overflow from the retention basin cascades through a series of ponds before being discharged into Town Creek. The Bellefonte retention basin design does not utilize basin transfer pumps.

This response is PLANT-SPECIFIC.

ASSOCIATED BLN COL APPLICATION REVISIONS:

No COLA revisions have been identified associated with this response.

ASSOCIATED ATTACHMENTS/ENCLOSURES:

None