



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

June 29, 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

BELLEFONTE COMBINED LICENSE APPLICATION – REVISION TO PART 2 – FINAL SAFETY ANALYSIS REPORT CHAPTER 9

This letter provides voluntary revisions to the Tennessee Valley Authority's (TVA) combined license (COL) application in response to Nuclear Regulatory Commission's (NRC) verbal identification of their need for the inclusion of additional AP1000 DCD references in FSAR Chapter 9.

A response to each NRC request 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 Tom Spink at 1101 Market Street, LP5A, Chattanooga, Tennessee 37402-2801, by telephone at (423) 751-7062, or via email at tespink@tva.gov.

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

Executed on this 29th day of June, 2009.

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

Enclosure
cc: See Page 2

DOS
NRD

Document Control Desk

Page 2

June 29, 2009

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
M. C. Kray, NuStart
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 June 29, 2009
RAI Responses

NRC Review of Final Safety Analysis Report

NRC has identified the need for more specific references in COLA FSAR Subsection 9.2.5.2.1.

BLN RAI ID: 3443

BLN RESPONSE:

The COLA FSAR Subsection 9.2.5.2.1 will be revised as shown in the Application Revisions section below in a future revision.

This response is PLANT-SPECIFIC.

ASSOCIATED BLN COL APPLICATION REVISIONS:

COLA Part 2, FSAR Chapter 9, Subsection 9.2.5.2.1 will be revised from:

This water supply meets or exceeds the pressure, capacity, and quality requirements in DCD subsection 9.2.5.

To read (retaining LMA of BLN COL 9.2-1):

This water supply meets or exceeds the quality requirements in DCD Subsection 9.2.5.1 and the capacity and pressure requirements in DCD Subsection 9.2.5.1.2.

ASSOCIATED ATTACHMENTS/ENCLOSURES:

None

Enclosure
TVA letter dated June 29, 2009
RAI Responses

NRC Review of Final Safety Analysis Report

NRC has identified the need for information to address the site-specific information references in DCD Subsection 9.2.6.

BLN RAI ID: 3444

BLN RESPONSE:

The COLA FSAR Subsection 9.2.6 will be revised as shown in the Application Revisions section below in a future revision.

This response is PLANT-SPECIFIC.

ASSOCIATED BLN COL APPLICATION REVISIONS:

COLA Part 2, FSAR Chapter 9, Subsection 9.2.6 will be revised from:

9.2.6.2.1 General Description

Add the following text to the end of DCD Subsection 9.2.6.2.1.

There is no on-site waste treatment. The waste treatment plant is the local municipal waste treatment plant. Waste is transferred there through the municipal sewer system.

To read (each item with LMA BLN SUP 9.2-1):

9.2.6.2.1 General Description

Replace the final paragraph at the end of DCD Subsection 9.2.6.2.1.

There is no on-site waste treatment. The waste treatment plant is the local municipal waste treatment plant. Waste is transferred there through the municipal sewer system.

9.2.6.2.2 Component Description

Replace the text under Trunk Line in DCD Subsection 9.2.6.2.2 (to remove the reference to the "site" treatment plant) with:

The trunk line is the primary line that the sanitary drainage system piping connects into for transport of the sanitary drainage to the treatment plant.

Replace the last sentence under Manholes in DCD Subsection 9.2.6.2.2 (to remove the reference to the "site specific") with:

Quantity and locations of the manholes are determined by these criteria.

Enclosure
TVA letter dated June 29, 2009
RAI Responses

Replace the last sentence under Lift Stations in DCD Subsection 9.2.6.2.2 (to remove the reference to the "site specific") with:

Quantity and locations of the lift stations are determined by these criteria.

9.2.6.4 Test and Inspection

Replace the paragraph in DCD Subsection 9.2.6.4 (to remove the reference to the "site" specific governing codes) with:

The sanitary drainage system is tested by water or air and established to be watertight in accordance with the 2006 International Plumbing Code. System inspection is performed in compliance with the 2006 International Plumbing Code.

9.2.6.5 Instrument Application

Replace the text under DCD Subsection 9.2.6.5 (to remove the reference to the "site" treatment plant) with:

Sufficient instrumentation for operation is provided to monitor and control the transfer to the treatment plant.

ASSOCIATED ATTACHMENTS/ENCLOSURES:

None