



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

January 8, 2008

10 CFR 52.79

Mr. R. William Borchardt
Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Borchardt:

In the Matter of)
Tennessee Valley Authority)

Project No. 740

NUCLEAR REGULATORY COMMISSION (NRC) – BELLEFONTE NUCLEAR
PLANT (BFN) – COMBINED LICENSE APPLICATION –

CHANGE TO PART 2, FINAL SAFETY ANALYSIS, CHAPTER 17
– CLARIFICATION AND REFERENCE OF THE TENNESSEE
VALLEY AUTHORITY (TVA) NUCLEAR QUALITY
ASSURANCE (NQA) PLAN (TVA-NQA-PLN89-A)

ADDITION OF THE EMERGENCY PLAN CERTIFICATION
LETTERS FROM THE STATES OF TENNESSEE AND GEORGIA

The purpose of this letter is to address NRC identified acceptance items to the application submitted in the letter from Ashok Bhatnagar to R. William Borchardt, "Application for Combined License for Bellefonte Units 3 and 4," dated October 30, 2007.

In the referenced letter, TVA submitted a combined license application for two AP1000 advanced passive pressurized water reactors at the Bellefonte site in Jackson County, Alabama, designated as Bellefonte Units 3 and 4.

DOT9
NRO

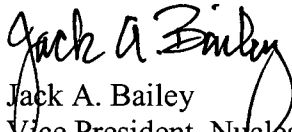
Mr. R. William Borchardt
Page 2
January 8, 2008

As a result of discussions with the Staff, TVA is providing the enclosed information as clarification of the application in support of the ongoing acceptance review. Enclosure 1 contains the changes related to Chapter 17 of the Final Safety Analysis Report. Enclosure 2 contains two Emergency Plan certification letters from the states of Tennessee and Georgia. Both enclosures will be incorporated in a future amendment to the Bellefonte application.

The commitments identified in this letter are described in Enclosures 1 and 2. If there are any questions concerning these changes, please contact Phillip Ray at (423) 751-7030.

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

Executed on this 8th day of Jan, 2008.



Jack A. Bailey
Vice President, Nuclear Generation
Development

Enclosures (2)
cc (Enclosures):

Mr. Thomas A. Bergman
Division of New Reactor Licensing
U.S. Nuclear Regulatory Commission
Two White Flint North, 6 F27
11545 Rockville Pike
Washington, DC 20555-0001

Mr. Michael P. Cazaubon
Manager, Project Development
Exelon Generation Company, LLC
200 Exelon Way
Kennett Square, Pennsylvania 19348

Mr. Ronald B. Clary
General Manager, New Nuclear Development
South Carolina Electric and Gas Company
P.O. Box 88, MC P40
Jenkinsville, South Carolina 29065

Mr. R. William Borchardt

Page 3

January 8, 2008

Ms. Stephanie M. Coffin
Office of New Reactors
U.S. Nuclear Regulatory Commission
Two White Flint North, 7 E18
11545 Rockville Pike
Washington, DC 20555-0001

Mr. Steve Frantz
Morgan Lewis Bockius
1111 Pennsylvania Avenue, NW
Washington, DC 20004

Mr. Martin W. Gettler
Vice President, Nuclear Projects
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, Florida 33408

Mr. Richard Grumbir
NuStart AP1000 Project Manager
4205 Willow Bend Court, SE
Decatur, Alabama 35603

Mr. Peter Hastings
Licensing Manager, Nuclear Projects
Duke Energy
526 South Church Street
Charlotte, North Carolina 28202

Mr. Paul Hinnenkamp
Vice President, Business Development
Entergy New Nuclear Development, LLC
1340 Echelon Parkway
Jackson, Mississippi 39213

Mr. Gary Holahan
Office of New Reactors
U.S. Nuclear Regulatory Commission
Two White Flint North, 6 F15
11545 Rockville Pike
Washington, DC 20555-0001

Mr. R. William Borchardt

Page 4

January 8, 2008

Mr. Robert Kitchen
Manager, License Renewal
Progress Energy
100 East Davie Street, TPP 15
Raleigh, North Carolina 27602

Ms. Marilyn C. Kray
Vice President, Project Development
Exelon Generation Company, LLC
200 Exelon Way, KSA 3-N
Kennett Square, Pennsylvania 19348

Mr. David Matthews
Division of New Reactor Licensing
U.S. Nuclear Regulatory Commission
Two White Flint North, 6 F27
11545 Rockville Pike
Washington, DC 20555-0001

Mr. Victor McCree
U.S. Nuclear Regulatory Commission
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, Georgia 30303

Ms. Eileen McKenna
Office of New Reactors
U.S. Nuclear Regulatory Commission
Two White Flint North, 7 E18
11545 Rockville Pike
Washington, DC 20555-0001

Mr. Garry Dale Miller
Manager, License Renewal
Progress Energy
410 South Wilmington Street
Raleigh, North Carolina 27601

Mr. R. William Borchardt
Page 5
January 8, 2008

Mr. Chuck Pierce
Southern Nuclear Development
40 Inverness Center Parkway
Birmingham, Alabama 35242

Mr. Loren Plisco
U.S. Nuclear Regulatory Commission
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, Georgia 30303

Mr. Richard Reister
Nuclear Power 2010 Program Manager
U.S. Department of Energy
NE-31, GTN
1000 Independence Avenue, SW
Washington, DC 20585

Mr. Joseph M. Sebrosky
U.S. Nuclear Regulatory Commission
Two White Flint North, E3 D2M
11545 Rockville Pike
Washington, DC 20555-0001

Mr. Georges Serviere
Director, EDF INA
Electricite De France International North America, Inc.
1300 Eye Street, NW, Suite 305
Washington, DC 20005

Ms. Martha Shields
Federal NuStart Project Director
U.S. Department of Energy
NE-31, GTN
1000 Independence Avenue, SW
Washington, DC 20585

Mr. R. William Borchardt

Page 6

January 8, 2008

Ms. Rebecca Smith-Kevern
Office of Light Water Reactor Deployment
U.S. Department of Energy
NE-31, GTN
1000 Independence Avenue, SW
Washington, DC 20585

Mr. Dennis Spurgeon
Assistant Secretary for Nuclear Energy
U.S. Department of Energy
NE-1, FORS
1000 Independence Avenue, SW
Washington, DC 20585

Mr. George Zinke
NuStart Licensing Lead
Entergy New Nuclear Development, LLC
1340 Echelon Parkway
Jackson, Mississippi 39213

Enclosure 1

Bellefonte Units 3 & 4 Combined License Application Changes to Part 2 (FSAR), Chapter 17

Background

During discussions associated with the NRC Staff's acceptance review of the Bellefonte combined license application, the Staff requested clarification regarding the applicability of TVA's quality assurance (QA) program and delegation of QA program requirements to NuStart and others.

Description of Change

The change to Part 2 (FSAR), Section 17.1 (Quality Assurance During the Design and Construction Phases), as indicated in redline/strikeout format on the following page, will be incorporated in a future revision of the Bellefonte application. In addition, the following reference will be added to Part 2, Section 17.8 (References):

204. Tennessee Valley Authority, "Tennessee Valley Authority Nuclear Quality Assurance Plan," TVA-NQA-PLN89-A.

CHAPTER 17

QUALITY ASSURANCE

17.1 QUALITY ASSURANCE DURING THE DESIGN AND CONSTRUCTION PHASES

This section of the referenced DCD is incorporated by reference with the following departures and/or supplements.

Replace the information in DCD Section 17.1 with the following information.

BLN COL 17.5-1

Tennessee Valley Authority (TVA) is responsible for the establishment and execution of quality assurance program requirements during the design and construction phases of Bellefonte Nuclear Plant Units 3 and 4. TVA may delegate and has delegated to others, such as NuStart Energy Development, LLC, Enercon Services, Inc., and Westinghouse Electric Company, the work of establishing and executing the quality assurance program, or any parts thereof, but retains responsibility for the quality assurance program.

Effective during COL application development, through and until COL issuance, the NuStart Energy Development, LLC (NuStart) Quality Assurance (QA) program, along with the Westinghouse Electric Company Quality Management System (DCD Section 17.6 Reference 9) defines the QA program requirements for design activities. Construction activities at Bellefonte are not planned before the COL is issued.

NuStart was created in part for the purpose of demonstrating the licensing process defined by 10 CFR Part 52. NuStart consists of multiple utilities including the Tennessee Valley Authority (TVA). NuStart contracted with Enercon Services, Inc. to develop the Bellefonte Nuclear Plant Units 3 and 4 COL application, including site characterization activities. The process of collection, review and analysis of specific data for site characterization was performed under the Enercon Quality Assurance Program and is described in the "Enercon Quality Assurance Project Planning Document" (Reference 201). NuStart maintains oversight of the activities performed under the COL application contract. TVA maintains oversight under its existing 10 CFR Part 50, Appendix B program, as described in "Tennessee Valley Authority Nuclear Quality Assurance Plan," (TVA-NQA-PLN89-A) (Reference 204). TVA oversight is provided through its review and approval of the "NuStart Energy Project Instruction-Quality Assurance Plan" (Reference 202), by conducting QA audits and surveillances of NuStart activities and processes, and by direct participation in COL development activities, including providing site-specific applicant input and review of COL application content, signing the COL application as the applicant at submittal, and working directly with NuStart and contractors to respond to NRC requests for additional information.

The "Quality Assurance Program Description" (QAPD) discussed in Section 17.5 will become effective at COL issuance, and establishes the QA program requirements for the remaining portion of the design and construction phases.

Enclosure 2

Bellefonte Units 3 & 4 Combined License Application Emergency Plan Certification Letters

Background

During discussions associated with the NRC Staff's acceptance review of the Bellefonte combined license application, the Staff requested addition of two Emergency Plan certification letters from the states of Tennessee and Georgia.

Description of Change

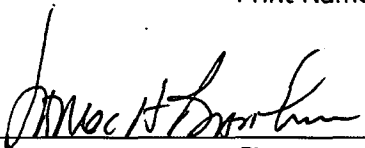
The two attached certification letters will be incorporated in a future revision of the Bellefonte application. This incorporation will include appropriate notation in the Emergency Plan text and inclusion as a reference in Appendix 7, "Certification Letters."

**TENNESSEE EMERGENCY MANAGEMENT AGENCY
CERTIFICATION**

The Tennessee Emergency Management Agency certifies that:

- The Agency's actions under the proposed emergency plans are practicable;
- The Agency is committed to participating in further development of the emergency plans, including any required field demonstrations; and
- The Agency is committed to executing their responsibilities under the plans in the event of an emergency.

James H. Bassham
Print Name


Signature

12/17/07
Date

Director
Title
Tennessee Emergency Management Agency


**GEORGIA EMERGENCY MANAGEMENT AGENCY
CERTIFICATION**

The Georgia Emergency Management Agency certifies that:

- The Agency's actions under the proposed emergency plans are practicable;
- The Agency is committed to participating in further development of the emergency plans, including any required field demonstrations; and
- The Agency is committed to executing their responsibilities under the plans in the event of an emergency.

Charles A. Dawson

Print Name



Signature

12/12/07

Date

Director of Operations

Title

Georgia Emergency Management Agency