



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

January 21, 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 –REQUIRED UPDATES OF SAFETY ANALYSIS AND DEPARTURES REPORTS

- Reference:
- 1) Letter from Ashok S. Bhatnagar (TVA) to R. William Borchardt (NRC), Application for Combined License for Bellefonte Units 3 and 4, dated October 30, 2007
 - 2) Letter from David B. Matthews (NRC) to Ashok S. Bhatnagar (TVA), Application for Combined License for Bellefonte Units 3 and 4, dated January 18, 2008
 - 3) Letter from Ashok S. Bhatnagar (TVA) to Document Control Desk (NRC), Bellefonte Combined License Application – Submittal of Revision 1 to Part 3, Applicant’s Environmental Report – Combined License Stage, And Part 9, Withheld Information, dated October 10, 2008
 - 4) Letter from Andrea L. Sterdis (TVA) to Document Control Desk (NRC), Bellefonte Combined License Application – Additional Information Regarding Cost Estimates for Construction of New Nuclear, Coal, and Gas-Fired Electricity Generating Units, dated November 18, 2008

This letter provides the Tennessee Valley Authority’s (TVA) updates required by 10 CFR Part 52, Appendix D, subsection X.B. This update includes the annual update of the accepted plant specific design control document (DCD), i.e., the Final Safety Analysis Report (Part 2 of the Bellefonte Units 3 and 4 (BLN) combined license (COL) application), and the semi-annual update of the Departures Report (Part 7 of the BLN COL application). Additionally, several other parts (i.e., Parts 1, 4, 5, 9, 10, and 11) of the COL application submitted by TVA in Reference 1 and accepted by NRC in Reference 2 are also updated. Each revision to the COL application is identified by revision bars in the margin for text and tables and by the revision number for figures.

DOBS
NRO

This update includes changes identified by previous correspondence, including responses to requests for additional information, through October 30, 2008, as well as various other updates such as miscellaneous errata items, standard and plant-specific changes necessary to reflect the incorporation by reference of the AP1000 generic DCD Revision 17 (including one additional plant-specific departure), and standard and plant-specific changes necessary to reflect the incorporation by reference of some template revisions submitted by the Nuclear Energy Institute (NEI). There was an early attempt to identify the associated changes for each initial revision of the NEI templates, but current practice is to provide updates only after the final, approved version of the template is issued. In addition to these changes identified by previous correspondence, this update includes two additional areas of change. The first area is Environmental Report Revision 1 conforming changes, and the second is an update to Part 1 cost information that is consistent with the updated cost information provided in Reference 4.

The BLN COL application is composed of several parts. Each of these is identified below along with indication of any revision contained in this document update.

Part 1 - Administrative and Financial Information (Revision 1 included).

Part 2 - Final Safety Analysis Report (FSAR) (Revision 1 included).

Part 3 - Environmental Report (no revision in this update – Revision 1 submitted October 2008 (Reference 3)).

Part 4 - Technical Specifications (Revision 1 included).

Part 4 was originally submitted as a clean copy ready for issuance with the Combined License. This update includes change bars to show where the revisions have been made to support NRC review. A clean copy will be prepared once the review is complete on a schedule necessary to support the issuance of the Combined License.

Part 5 - Emergency Planning (Revision 1 included).

Part 6 - [Not used. Reserved for applicants requesting Limited Work Authorization (LWA)].

Part 7 - Departures and Exemption Requests (Revision 1 included).

Part 8 - Safeguards/Security Plans (no revision in this update – Revision 0 is latest submittal).

Part 8, "Safeguards/Security Plans," and other security related information (including Fitness For Duty (FFD) information) updates may not be current due to the state of flux of the information. However, an update is expected to be provided in early 2009 to reflect the pending 10 CFR Part 73 rule changes and the associated revisions to the corresponding NEI templates.

Part 9 - Withheld Information (Revision 2 included).

Part 9 of this application update contains proprietary, sensitive and personal information and TVA requests it be withheld from disclosure in accordance with 10 CFR 2.390. The associated affidavit is included as Enclosure 1. The cover and index pages for Part 9 are at Revision 2,

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because Part 9 was previously revised with the October 2008 revision to Part 3, Environmental Report (Reference 3). However, the revision numbers in the footers of withheld pages in COLA Part 9 reflect the revision of the COLA Part from which the pages are withheld; consequently the pages in Subparts 9.1 and 9.2 are identified as Revision 1 to match the Revision of COLA Parts 1 and 2.

Part 10 - Proposed Combined License Conditions, (including inspections, tests, analyses, and acceptance criteria [ITAAC]) (Revision 1 included).

Part 11 - Enclosures (Revision 1 included).

A document identifying each change, as well as its source or basis, is being prepared as an aid to the NRC reviewers and will be submitted by a separate letter by January 30, 2009.

This application update contains no restricted data or national defense information requiring separation in accordance with 10 CFR 50.33.

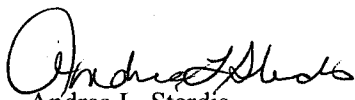
Consistent with common licensing practice and the original application, most of the updated application text is written in the present tense, active voice, including discussions of facilities and programs not yet built or implemented. Exceptions to this approach are the discussions of operating experience and completed studies and evaluations, which are written in the past tense. It should be understood, however, that statements regarding facilities (e.g., structures, systems and components) and pre-construction, pre-operational, and operational activities (e.g., procedures and programs) typically address activities that have not yet been performed and will not be performed until it is reasonable and appropriate to do so.

A complete set of the updated application documents (by Part as identified above) is provided in electronic file format on the enclosed disk (Enclosure 2). Application documents (by Part) that are not updated are not included on the enclosed disk. Appropriate pre-submission checks have been successfully performed on the files to confirm compliance with the guidelines provided on the NRC web site, which have been found acceptable for electronic submittal. The disk includes a "packing slip" describing its contents, pursuant to NRC instructions for electronic filing.

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 21ST day of Jan, 2009.



Andrea L. Sterdis

Manager, New Nuclear Licensing and Industry Affairs
Nuclear Generation Development & Construction

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Enclosures – Affidavit and Bellefonte Units 3 and 4 COL Application Update (Submittal 4)

cc: See Page 5

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cc (w/o Enclosures):

S. P. Frantz, Morgan Lewis
M. W. Gettler, FP&L
R. C. Grumbir, NuStart
P. S. Hastings, NuStart
P. Hinnenkamp, Entergy
M. A. Hood, NRC/HQ
R. H. Kitchen, PGN
M. C. Kray, NuStart
A. M. Monroe, SCE&G
C. R. Pierce, SNC
L. Reyes, NRC/RII
J. M. Sebrosky, NRC/HQ
R. F. Smith-Kevern, DOE/HQ
G. A. Zinke, NuStart

cc (w/o Enclosures):

G. P. Arent, EQB 1A-WBN
J. A. Bailey, LP 5A-C
A. L. Sterdis, LP 5A-C
S. A. Vance, WT 6A-K
E. J. Vigluicci, WT 6A-K
EDMS, WT CA-K

Enclosure 1
TVA letter dated January 21, 2009
COL Application Update

In the Matter of)
)
)
Tennessee Valley Authority)
Bellefonte Nuclear Plant,)
Units 3 and 4)
Combined License Application)
)
)
)

AFFIDAVIT

STATE OF TENNESSEE)
)
COUNTY OF HAMILTON)

Andrea L. Sterdis after first being duly sworn, deposes and says:

1. I am employed as the Manager, New Nuclear Licensing and Industry Affairs in Nuclear Generation Development and Construction at the Tennessee Valley Authority (TVA), an agency and instrumentality of the United States Government. I am familiar with the Combined License Application for TVA's Bellefonte Nuclear Plant, Units 3 and 4 ("Combined License Application") and have personal knowledge of the matters stated herein.

2. I am submitting this affidavit in accordance with 10 CFR § 2.390 and 10 CFR § 9.17, and because certain information contained in Enclosure 2 to this letter has been determined by TVA to be of the type customarily held in strict confidence by the agency and is protected from disclosure under the Freedom of Information Act (FOIA), 5 U.S.C. § 552(B), TVA's implementing FOIA regulations, 18 CFR § 1301, and the Trade Secrets Act, 18 U.S.C. § 1905.

3. The information which should not be released to the public has been collected and organized into Part 9 of Enclosure 2 to this letter.

4. The Combined License Application Part 1, Section 1.3, contains TVA's Financial Qualifications Information which is considered confidential and sensitive business information. Its disclosure would place TVA at a distinct disadvantage in conducting business as competitors could then seek to analyze the data to identify strengths and weaknesses and then seek to capitalize on those perceived strengths and weaknesses. As such, this information is protectable under 10 CFR § 2.390(a)(4) and (5), as well as Exemptions 4 and 5 of the FOIA and the Trade Secrets Act.

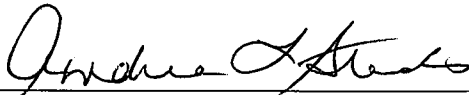
5. Figures 1.2-201, 9A-201, 12.3-201, 12.3-202, and 12.3-203 from the Combined License Application Part 2 contain security-sensitive information which should be withheld from the public pursuant to 10 CFR § 2.390(d), and 10 CFR § 9.17(a)(4).

6. Tables 2.2-203, 2.2-215, 2.2-216, 2.2-217, 2.2-220, 2.2-221, 2.2-222, 2.2-223 and 2.4.1-202 from the Combined License Application Part 2 contains information related to critical infrastructure and key resources required to be protected from attack and is

Enclosure 1
TVA letter dated January 21, 2009
COL Application Update

thus exempted from disclosure in accordance with 10 CFR § 2.390(a)(3), and Homeland Security Presidential Directive (HSPD-7) dated December 17, 2003.

7. The information sought to be withheld ("the information") is being submitted to the NRC in confidence.
8. The information is the sort of information regularly and customarily held in confidence by TVA and is, in fact, so held.
9. The information has consistently been held in confidence by TVA.
10. No public disclosures of the information have been made.
11. The information is not available in public sources.
12. Disclosures of the information to third parties, including any transmittals to the NRC, have been made pursuant to regulatory provisions or proprietary agreements which provide that the information is to be maintained in confidence.



Andrea L. Sterdis
Manager, New Nuclear Licensing and Industry Affairs
Nuclear Generation Development and Construction
Tennessee Valley Authority
423-751-7119

Sworn to and subscribed before me

this 21st day of January 2009.

Notary Public
My commission expires: May 8, 2010



Enclosure 2
TVA letter dated January 21, 2009
COL Application Update

Combined License (COL) Application Update

Bellefonte Units 3 and 4

in DVD format

on one DVD

Preflight Reports for the above Application Update files
are also included on a separate DVD.