



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

March 6, 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 – RESPONSE TO REQUEST FOR  
ADDITIONAL INFORMATION – SPENT FUEL DISPOSAL CONTRACT**

Reference: Letter from Joseph Sebrosky (NRC) to Andrea L. Sterdis (TVA), Request for  
Additional Information Letter No. 147 Related to Spent Fuel Disposal Contract  
for the Bellefonte Units 3 and 4 Combined License Application, dated February  
12, 2009

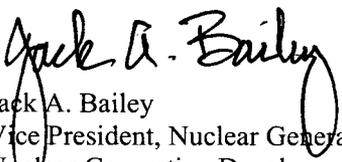
This letter provides the Tennessee Valley Authority's (TVA) response to the Nuclear Regulatory  
Commission's (NRC) request for additional information (RAI) items included in the reference  
letter.

A response to the NRC request in the subject letter is addressed in the enclosure. There are no  
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 6<sup>th</sup> day of Mar, 2009.

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

Enclosure  
cc: See Page 2

DOSS  
URW

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cc: (w/ 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 March 6, 2009  
RAI Responses

Responses to NRC Request for Additional Information letter No. 147 dated February 12, 2009  
(2 pages, including this list)

Subject: Spent Fuel Disposal Contract

<u>RAI Number</u>	<u>Date of TVA Response</u>
01-12	This letter – see following page

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

Enclosure  
TVA letter dated March 6, 2009  
RAI Responses

**NRC Letter Dated: February 12, 2008**

**NRC Review of Final Safety Analysis Report**

**NRC RAI NUMBER: 01-12**

Section 302(b) of the Nuclear Waste Policy Act of 1982, as amended, states "The Commission, as it deems necessary or appropriate, may require as a precondition to the issuance or renewal of a license under section 103 or 104 of the Atomic Energy Act of 1954 [42 U.S.C. 2133, 2134] that the applicant for such license shall have entered into an agreement with the Secretary for the disposal of high-level radioactive waste and spent nuclear fuel that may result from the use of such license."

Provide the DOE contract numbers for Bellefonte 3 and 4 for disposal of high-level radioactive waste and spent nuclear fuel or provide TVA's plans, including the time frame, for entering into such a contract.

**BLN RAI ID: 3173**

**BLN RESPONSE:**

TVA participated with NEI and other industry participants in negotiating modifications to the existing Standard Contract for Disposal of Spent Nuclear Fuel and/or High-Level Radioactive Waste with DOE to accommodate new reactor construction. TVA is reviewing the final contract that has been entered into between DOE and several entities with existing combined license applications and expects to execute this contract prior to issuance of the final safety evaluation report for Bellefonte Units 3 and 4.

This response is PLANT-SPECIFIC.

**ASSOCIATED BLN COL APPLICATION REVISIONS:**

None

**ASSOCIATED ATTACHMENTS/ENCLOSURES:**

None