

October 11, 2006

James M. Shuler  
Manager, Packaging Certification Program  
Safety Management and Operations  
Office of Environmental Management  
Department of Energy  
Washington, DC 20585

SUBJECT: ES-3100 REVIEW TELEPHONE CALL

Dear Dr. Shuler:

By letters dated June 6 and August 24, 2006, the U.S. Department of Energy (DOE) submitted separate revised applications in accordance with 10 CFR Part 71 for amendments 1 and 2 to Certificate of Compliance (CoC) No. 9315 for the Model No. ES-3100 package. Supporting documentation was submitted via letters dated May 8, July 18, and August 21, 2006.

The U. S. Nuclear Regulatory Commission (NRC) staff has reviewed the information provided and requested additional information by letters dated September 19 and 20, 2006. BWXT Y-12 and DOE requested a telephone conference to clarify the two Chapter 3 questions. The call was made on October 11, 2006, and the meeting attendees were:

NRC: Kim Hardin, Shana Helton, and Robert Einziger

BWXT: Jeff Arbital, Monty Goins, Walter North, Jerry Byington, Dennis Miller, and George Singleton

The telephone discussion is described below.

The applicant has agreed to provide a clarification in the Chapter 3 SAR text regarding how polyethylene is used in all calculations. This information will be used to support the application for Revision 1 of the CoC.

The applicant also agreed to provide justification for the Kaolite uniformity after fabrication with the change in fabrication specification. This information will be used to support the application for Revision 1 of the CoC.

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Additional information to address these issues is expected by November 3, 2006. You may contact me at 301-415-8500 if you have any questions regarding our review of the amendment request.

Sincerely,

/RA/

Kimberly J. Hardin, Project Manager  
Licensing Branch  
Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 71-9315  
TAC Nos. L24006 and L24024

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Docket No. 71-9315  
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cc: R. Boyle, Department of Transportation  
G. Singleton, BWXT Y12  
J. Arbutal, BWXT Y12

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