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October 17, 2005

Contract No. NRC-02-02-012

Account No. 20.06002.01.362

U.S. Nuclear Regulatory Commission  
ATTN: Dr. Bret Leslie  
Division of High-Level Waste Repository Safety  
Two White Flint North  
11545 Rockville Pike  
Mailstop 7F-17  
Washington, DC 20555

Subject: Redistribution of Radionuclides in Soil Intermediate Milestone 06002.01.362.530,  
"Review of Modeling Long-Term Fluvial Redistribution of Tephra in Fortymile Wash,  
Yucca Mountain, Nevada"

Dear Dr. Leslie:

This letter responds to your letter dated October 11, 2005, which documented your programmatic acceptance of Redistribution of Radionuclides in Soil Intermediate Milestone 06002.01.362.530, "Review of Modeling Long-Term Fluvial Redistribution of Tephra in Fortymile Wash, Yucca Mountain, Nevada." Your letter requested CNWRA to resubmit the document with the predecisional header and footer removed, and it included an attachment with several comments for CNWRA to consider in future work on this topic. The attached report is the requested resubmittal of the subject document with the headers and footers removed. Minor editorial revisions also were made to this document to address comments C1, C2, C3, C6, C10, C11, C13, and C15 in the attachment to your letter.

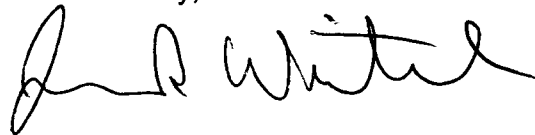


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Dr. Bret Leslie  
October 17, 2005  
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If you have any questions regarding this document, please contact me at 210-522-5249. Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "James Winterle". The signature is fluid and cursive, with the first name "James" written in a larger, more prominent script than the last name "Winterle".

James Winterle  
Manager  
Performance Assessment Group

JW/rm

cc: R. Reamer  
B. Meehan  
E. Whitt

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