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November 4, 2005

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U.S. Nuclear Regulatory Commission  
ATTN: Mrs. Deborah A. DeMarco  
Division of High-Level Waste Repository Safety  
Two White Flint North  
11545 Rockville Pike  
Mailstop T8 A23  
Washington, DC 20555

Subject: Programmatic Review of Poster

Dear Mrs. DeMarco:

The enclosed poster is being submitted for programmatic review. The poster will be presented at the American Geophysical Union Fall Meeting on December 5-9, 2005, in San Francisco, California. The title of the poster is

**Modeling the Long-Term Fluvial Redistribution of Tephra  
in Fortymile Wash, Yucca Mountain, Nevada**

The poster summarizes the progress of a sediment budget approach to analyze the potential posteruption redistribution of tephra in the Fortymile Wash drainage system at Yucca Mountain, Nevada. The results presented in this poster were reviewed by the NRC as part of Intermediate Milestone 20.06002.01.362.530, a report entitled "Modeling the Long-Term Fluvial Redistribution of Tephra in Fortymile Wash, Yucca Mountain, Nevada."

Please advise me of the results of your programmatic review.



Washington Office • Twinbrook Metro Plaza #210  
12300 Twinbrook Parkway • Rockville, Maryland 20852-1606

Mrs. Deborah A. DeMarco  
November 4, 2005  
Page Two

If you have any questions regarding this poster, please contact me at (210) 522-5185 or Dr. Donald Hooper at (210) 522-6649. Your cooperation in this matter is appreciated.

Sincerely,

  
Sitakanta Mohanty  
Assistant Director  
Engineering and Systems Assessment

SM/rm

cc:

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B. Meehan

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