



***A center of excellence in earth sciences and engineering®***

Geosciences and Engineering Division  
6220 Culebra Road • San Antonio, Texas, U.S.A. 78238-5166  
(210) 522-5160 • Fax (210) 522-5155

August 1, 2011  
Contract No. NRC-02-07-006  
Account No. 20.14002.01.441  
06300001

Attn: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Dr. King Stablein  
Office of Nuclear Material Safety and Safeguards  
Division of High-Level Waste Repository Safety  
Mail Stop EBB-2-BO2  
Washington, DC 20555

Subject: Correlation of Alluvial Strata in the Yucca Mountain Area—Final Report  
(IM 14002.01.441.108)

Dear Dr. Stablein:

This letter retransmits the subject report, incorporating the comments provided by the U.S. Nuclear Regulatory Commission (NRC) on the original report transmitted on February 22, 2011. Please note that the title of the report has been changed to "Stratigraphic Analysis and Regional Correlation of Oligocene and Early Miocene Strata in the Yucca Mountain Area," to restore the original working title of the report.

The Center for Nuclear Waste Regulatory Analyses (CNWRA®) received NRC comments on the original draft report in an email on March 9, 2011, and on a marked-up hard copy on March 17, 2011. The Microsoft® Word document that records the revisions to the draft report is in this location in the YM Licensing Review SharePoint site:

YM Licensing Review > Knowledge Management > Knowledge Capture Reports >  
Dubreuilh\_Correlation of Alluvial Strata\_108 > NRC Reviewing and Acceptance >  
NRC Review\_108\_Dubreuilh

The CNWRA staff addressed the initial set of NRC comments in Version 6.0 of this document, dated June 3, 2011, with the Track Changes option enabled. NRC reviewed the revised report and provided additional comments in an email on June 7, 2011. These additional comments were addressed in Version 11.0, dated June 10, 2011. NRC staff reviewed and accepted CNWRA responses in Version 12.0, dated June 13, 2011, and followed up with an email the same day, accepting the report as final.



Washington Office  
1801 Rockville Pike, Suite 105 • Rockville, Maryland 20852-1633

Dr. King Stablein  
August 1, 2011  
Page 2

Please contact Jude McMurry at (210) 522-6935 or me at (210) 522-5582 if you have any questions regarding this report.

Sincerely yours,



David Pickett  
Senior Program Manager  
Integrated Spent Fuel Regulatory  
Program—Geologic Disposal

DP/ar

Enclosure

cc:	<u>NRC</u>		<u>CNWRA</u>	<u>SwRI</u>
	D. DeMarco	A. Mohseni	W. Patrick	Record Copy B, IQS
	R. Jackson	J. Davis	B. Sagar	
	V. Whipple	B. Hill	J. McMurry	
	J. Rubenstone	J. Guttman	P. Dubreuilh	
	T. McCartin	P. Hall	M. Padilla	
	R. Fedors	Y. Kim	Group Managers	
	J. Bradbury	S. Self	Program Managers	