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September 23, 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: Bench-Scale Tests of a Yucca Mountain Heated Drift Environment—Final Report
(IM 14002.01.441.153)

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 June 14, 2011.

The Center for Nuclear Waste Regulatory Analyses (CNWRA®) received NRC comments on the original draft report in an email dated June 28, 2011. The CNWRA revisions in response to those comments are documented in Versions 12.0 (dated September 2, 2011) and 15.0 (dated September 20, 2011) of the following SharePoint document:

YM Licensing Review > Knowledge Management > Knowledge Capture Reports >
Mintz_Bench-Scale Tests of a Heated Drift Environment_153 > 153_Mintz_Bench-Scale
Tests of a YM Heated Drift Environment

The NRC staff indicated in an email dated September 15, 2011, that the revised report was acceptable. The final formatted version of the report is preserved at the SharePoint location shown above.

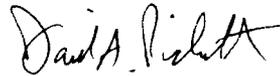


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Please contact Jude McMurry at (210) 522-6935 or me at (210) 522-5582 if you have any questions regarding this report.

Sincerely yours,



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

DP/ar

Enclosure

cc:

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