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September 7, 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: Differing Technical Approaches for Radionuclide Sorption in the Engineered Barrier System, Near Field, and Far Field of a Geologic Repository—Final Report (IM 14002.01.441.150)

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 May 26, 2011. Please note that the title of the report has been changed to "Radionuclide Sorption Technical Assistance Activities at the Center for Nuclear Waste Regulatory Analyses."

The Center for Nuclear Waste Regulatory Analyses (CNWRA®) received NRC comments on the original draft report in the YM Licensing Review SharePoint site. The NRC staff comments and CNWRA staff responses are documented in Version 17.0 (dated August 17, 2011) of the following SharePoint document:

YM Licensing Review > Knowledge Management > Knowledge Capture Reports > Turner_Differing Technical Approaches for Sorption_150 > NRC Review of _150_Turner_Sorption

The NRC staff indicated in an email dated August 19, 2011, that the revised report was acceptable. The final formatted version of the report is preserved at the SharePoint location shown above.



Washington Office
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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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