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March 6, 2012
Contract No. NRC–02–07–006
Account No. 20.14005.02.001

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

SUBJECT: Final Intermediate Milestone 14005.02.001.201—Numerical Simulations and Analysis of Lava Flow Cooling

Dear Dr. Rubenstone:

This letter retransmits the subject milestone, which we transmitted as a draft on February 8, 2012. A review of the draft by U.S. Nuclear Regulatory Commission (NRC) staff has led to one change to the text. With that change, NRC stated in an email dated February 15, 2012, that the report is acceptable and ready for public release. The report is preserved as a Microsoft® Word® file at the following location on the Integrated Spent Fuel Management Program SharePoint® site:

> Integrated Spent Fuel Management Program > Integrated Spent Fuel Management Program > Task 2 -- Gap Analysis > Basu_14005.02.001.201_Numerical Simulations and Analysis of Lava Flow Cooling > 201_Basu_Lava Flow Cooling Processes

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

If you have questions related to this intermediate milestone, please feel free to contact Dr. Debashis Basu at 210-522-8333 or me at 210-522-5582.

Sincerely yours,

David A. Pickett

David Pickett, Ph.D.
Senior Program Manager
Integrated Spent Fuel Regulatory
Program-Geologic Disposal

DP: ar
Enclosure: Final Report

cc:

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