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February 17, 2011  
Contract No. NRC-02-07-006  
Account No. 20.14005.01.001

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-2-602  
Washington, DC 20555

SUBJECT: Final Intermediate Milestone 14005.01.001.210—SOAR Model  
Verification Report

Dear Dr. Rubenstone:

This letter retransmits the subject intermediate milestone, which is a revision of the draft milestone transmitted by the Center for Nuclear Waste Regulatory Analyses (CNWRA®) on November 17, 2011. The U.S. Nuclear Regulatory Commission (NRC) staff provided comments on the draft milestone in an email dated November 28, 2011. CNWRA revised the report to address those comments and NRC reviewed the revised report in January 2012. In an email dated February 9, 2012, the NRC staff stated that the revisions were acceptable and that the report could be considered final. The report is available 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 1 – Beta-FTPA > 14005.01.001.210\_SOAR Model Report > SOAR Model Component Qualitative Evaluation Reports

If you have questions related to this intermediate milestone, please feel free to contact Dr. Osvaldo Pensado at 210-522-6084 or me at 210-522-5582.

Sincerely,

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

DP: ar

Enclosure: Report

cc:	<u>NRC</u>			<u>CNWRA</u>	<u>SwRI</u>
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