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November 4, 2004
Contract No. NRC-02-02-012
Account No. 20.06002.01.241

U.S. Nuclear Regulatory Commission
ATTN: Mr. John Bradbury
Office of Nuclear Material Safety and Safeguards
Division of High-Level Waste Repository Safety
Two White Flint North
11545 Rockville Pike
Mail Stop T7-J8
Washington, DC 20555

Subject: Colloid-Related Agreements for Key Technical Issues "Evolution of the Near-Field Environment" (ENFE.3.05 and 4.05), "Radionuclide Transport (RT.1.03 and 3.07), and GENERAL (GEN.1.01, Comments 43 and 46)

Dear Dr. John Bradbury:

Enclosed is the CNWRA review of the DOE technical information and analyses that were submitted in response to Key Technical Issue Agreements ENFE.3.05, ENFE.4.05, RT.1.03, RT.3.07, GEN.1.01 Comment 43, and GEN.1.01 Comment 46. This document is one of the deliverables referred to by the title "Reviews of DOE Technical Exchange Commitments" in the Radionuclide Transport in the Saturated Zone portion of the fiscal year 2005 CNWRA High-Level Waste Operations Plan.

DOE responded to these KTI agreements in the following submittal:

Technical Basis Document No. 8: Colloids. Revision 2. Las Vegas, Nevada:
Bechtel SAIC Company LLC. September 2003.

As explained in the attached review, we conclude that the information provided by DOE to address these agreements is responsive to the original staff concerns. We recommend that these agreement items be considered complete.

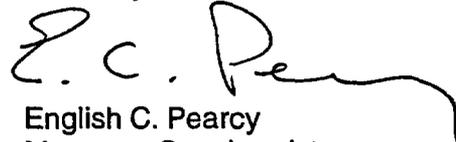


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If you have any questions regarding this review, please contact me at 210-522-5540 or
Dr. David Pickett at 210-522-5582.

Sincerely,



English C. Percy
Manager, Geochemistry

/nn—Enclosure

cc:	W. Reamer	F. Brown	L. Hamdan	W. Patrick	<u>Letter only:</u>
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