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6220 Culebra Road • San Antonio, Texas, U.S.A. 78228-5166
(210) 522-5160 • Fax (210) 522-5155

December 7, 2005

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U.S. Nuclear Regulatory Commission
ATTN: Dr. James Rubenstone
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety and Safeguards
Mailstop T-7J55
Washington, DC 20555

Subject: Concentration of Radionuclides in Groundwater Intermediate Milestone
06002.01.282.531, "Development and Application of a Model to Simulate
Saturated Zone Transport From the Location of the Proposed Repository
Footprint at Yucca Mountain"

Dear Dr. Rubenstone:

This letter transmits the revised deliverable "Development and Application of a Model to Simulate Saturated Zone Transport From the Location of the Proposed Repository Footprint at Yucca Mountain" (IM 06002.01.282.531). As directed in the October 6, 2005, letter from Bret Leslie, the header and footer on the report have been changed from "Predecisional" to "Final" and this transmittal letter is devoid of headers and footers. In addition, corrections were made to the text of the report to address editorial errors identified in the comments attachment to the October 6, 2005, letter under Section A (Technical Basis), item 2 and Section B (Communication), items 1 and 6.

If you have any questions regarding this deliverable or the changes made in response to the October 6, 2005, letter, please contact me at 210-522-5082 or David Farrell at 210-522-5208.

Sincerely,



Gordon Wittmeyer, Ph.D.
Assistant Director, Earth Sciences

/ph:	Enclosure				
cc:	E. Whitt	E. Collins	T. McCartin	R. Codell	W. Patrick
	D. DeMarco	M. Bailey	A. Csontos	C. Grossman	B. Sagar
	B. Meehan	F. Brown	D. Brooks	P. Justus	Record Copy B, IQS
	V. Whipple	K. Stablein	T. Ahn	K. Compton	<u>Letter only:</u>
	W. Reamer	A. Campbell	J. Pohle	J. Gwo	CNWRA Directors
	L. Kokajko	J. Guttmann	B. Leslie	R. Fedors	CNWRA Managers
				A. Fetter	L. Gutierrez



Washington Office • Twinbrook Metro Plaza #210
12300 Twinbrook Parkway • Rockville, Maryland 20852-1606