

# Center for Nuclear Waste Regulatory Analyses

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June 16, 1999

Contract No. NRC-02-97-009

Account No. 20-1402-861

U.S. Nuclear Regulatory Commission  
ATTN: Mr. Neil M. Coleman  
Division of Waste Management  
Two White Flint North  
Mail Stop 7C 13  
Washington, DC 20555

Subject: Transmittal of the deliverable "Modeling and Analysis of C-Well Tests—Letter Report"  
IM1402-861-950

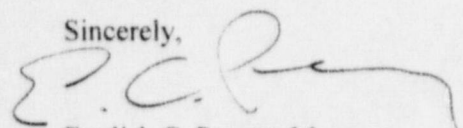
Dear Mr. Coleman:

The enclosed report is identified as IM1402-861-950 in the CNWRA Operations plans for the Key Technical Issue on Unsaturated and Saturated Flow Under Isothermal Conditions. The title for the report has been changed to "Review and Analysis of Hydraulic and Tracer Testing at the C-Holes Complex Near Yucca Mountain, Nevada" to better reflect its contents

This report presents a thorough analysis of the existing and ongoing testing and the C-Holes complex. These data are important indicators of the flow and transport properties of the volcanic tuff aquifer beneath Yucca Mountain. Alternative approaches are evaluated for interpreting the data to provide improved transmissivity estimates.

If you have any questions regarding this submittal, please contact me (210) 522-5540 or James Winterle (210) 522-5249.

Sincerely,



English C. Percy, Manager  
Geochemical & Geohydrology

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