

Center for Nuclear Waste Regulatory Analyses

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U.S. Nuclear Regulatory Commission
Attn: Barbara Stiltenspole
Mail Stop (8 A23)
Washington, DC 20555

Subject: Re-Transmittal of Intermediate Milestones 5704-191-500 and
5704-191-502

Reference: Letter from J. D. Randall, NRC to B. Sagar, CNWRA regarding closing
Intermediate Milestones for Research, November 17, 1995

Dear Ms. Stiltenspole:

Attached please find copies of two papers: (i) "An Improved Method for Modeling Sorption of Radionuclides During Liquid Phase Transport for Performance Assessments of High-Level Waste Repositories" and (ii) "Stochastic Radionuclide Distributions After a Basaltic Eruption for Performance Assessments of Yucca Mountain." These papers were originally submitted to the NRC to fulfill Intermediate Milestones for the Performance Assessment Research Project (see above reference). These revised papers are being re-submitted to accommodate comments from Dr. J.D. Randall. This submittal is intended closes out these deliverables.

If you have any questions, please call me at (210) 522-3805 or Dr. Mark Jarzempa at (210) 522-6828.

Sincerely yours,

RG Baca

Robert G. Baca, Manager
Performance Assessment

RGB/cg
Enclosure
f:re-tran.ltr

cc: J. Randall
R. Wescott
W. Patrick
B. Sagar
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