

January 19, 1995

Dr. Robert G. Baca, Manager
Performance Assessment & Hydrologic Transport Element
Center for Nuclear Waste Regulatory Analyses
Southwest Research Institute
6220 Culebra Road
P.O. Drawer 28510
San Antonio, Texas 78228-0510

SUBJECT: NEAR-FIELD LIQUID-VAPOR TRANSPORT IN A PARTIALLY SATURATED
HIGH-LEVEL NUCLEAR WASTE REPOSITORY:
INTERMEDIATE MILESTONE (IM) 5702-723-450

Dear Dr. Baca:

On December 30, 1994, the Center for Nuclear Waste Regulatory Analyses (CNWRA) transmitted the report entitled, "Near-Field Liquid-Vapor Transport in a Partially Saturated High-Level Nuclear Waste Repository," to fulfill the requirements of Intermediate Milestone 5702-723-450. Based on our review, conducted by Rex Wescott and Tim McCartin, it was determined that this report is adequate and consistent with the technical direction provided to the CNWRA. Therefore, the transmitted document acceptably meets the requirements of Intermediate Milestone 5702-723-450. It is noted that the due date for this IM was 10/31/94, therefore, the report has been submitted late.

If you have any questions regarding the contents of this letter, please contact Tim McCartin at (301) 415-6681.

Sincerely,

TSI

Timothy McCartin, Manager
Performance Assessment & Hydrologic
Transport Program Element
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

cc: S. L. Fortuna, PMDA
B. D. Meehan, CAB

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