

October 11, 2005

Mr. James Winterle, Manager
Performance Assessment
Center for Nuclear Waste Regulatory Analyses
6220 Culebra Road, Building 189
San Antonio, TX 78238-5166

SUBJECT: REVIEW OF MODELING LONG-TERM FLUVIAL REDISTRIBUTION OF TEPHRA
IN FORTY MILE WASH, YUCCA MOUNTAIN, NEVADA [REDISTRIBUTION OF
RADIONUCLIDES IN SOIL INTERMEDIATE MILESTONE 06002.01.362.530]

Dear Mr. Winterle:

The U.S. Nuclear Regulatory Commission (NRC) staff has completed its review of the subject milestone by the Center for Nuclear Waste Regulatory Analyses (CNWRA). The milestone report was received on July 29, 2005, on the date required in the CNWRA's operations plan for fiscal year 2005. The milestone report and the transmittal letter, which both indicate that they are predecisional, will be made publically available.

The footer on the transmittal letter indicates that "The document transmitted herewith contains sensitive unclassified information. When separated from enclosures, this document is decontrolled." Despite this statement I have reviewed the incoming document and have determined that the document does not contain sensitive information. The Center should resubmit the document with the predecisional header and footer removed as this letter, the milestone report, and transmittal letter will all be added to a single package in Agencywide Documents Access and Management System (ADAMS). By taking this action of grouping the CNWRA milestone report, CNWRA transmittal letter, and the NRC's review of the deliverable into a single ADAMS package, an appropriate context for the public to understand the CNWRA's letter and milestone will have been provided in an associative manner.

In general, the report is well written in clear and plain English, references are used appropriately, and the information was presented in sufficient detail to allow an adequate understanding of the author's analyses. While this deliverable in the Redistribution of Radionuclides in Soil (DOSE2) program element is acceptable, the CNWRA should consider the comments in the attachment to this letter, and address them to extent practicable, as it continues work in this program element, and to the extent applicable, and in the development of the Total System Performance Assessment code in the Methodology and Overall System Performance program element.

It should be noted that Jim Rubenstone will be the program element manager in fiscal year 2006 for the DOSE2 program element, and that Keith Compton will be the project officer for the DOSE2 element.

J. Winterle

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If you have questions, please contact Bret Leslie, at (301) 415-6652 or by e-mail at BWL@nrc.gov.

Sincerely,

/RA/

Bret Leslie, DOSE2 Program Element Manager
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety
and Safeguards

Enclosure: Comments Derived from Review of CNWRA Milestone 06002.01.362.530

cc: A. Campbell, HLWRS
J. Rubenstone, HLWRS
D. Demarco, HLWRS
B. Meehan, ADM
D. Hooper, CWNRA
S. Mohanty, CNWRA

J. Winterle

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