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October 25, 2005
Contract No. NRC-02-02-012
Account No. 20.06002.01.352

U.S. Nuclear Regulatory Commission
ATTN: Dr. Bret Leslie
Division of High-Level Waste Repository Safety
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Washington, DC 20555

Subject: A Potential Strategy for Conducting a Review of Scenario Analysis and Identification of Events With Probabilities Greater Than 10^{-8} per Year (IM 06002.01.352.560)

Dear Dr. Leslie:

Enclosed is a revised version of the subject intermediate milestone. The subject document was transmitted on September 29, 2005, and revised as requested by your letter dated October 13, 2005. Revisions included removing repeated paragraphs on page 11 and correcting a typographical error on page 14. These revisions aside, the enclosed document is identical to that transmitted earlier.

The objective of this joint NRC and CNWRA product is to document draft strategies for conducting a review of the scenario analysis and the identification of events with probabilities greater than 10^{-8} per year in a potential license application submitted by the U.S. Department of Energy for a high-level waste geologic repository at Yucca Mountain, Nevada. The draft strategies include descriptions of tasks and responsibilities, approaches to document findings, and schedules for conducting the reviews.

This document summarizes information gathered from a series of activities, including meetings by review teams and a staff exchange that you participated in at CNWRA during the week of July 18–23, 2005. Discussions between you and the CNWRA staff during that week were consolidated in a presentation delivered to the postclosure team leads; the Yucca Mountain team; the Safety Integration Review team; and the Deputy Director, Office of Nuclear Material Safety and Safeguards. Feedback and insights gathered after each discussion were incorporated into the draft strategies.



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This document is intended to support integrated risk-informed reviews. The strategies documented therein should be considered as a preliminary path forward pending review by the Safety Integration Review team and staff allocations at CNWRA for the fiscal year 2006.

If you have any further questions about this deliverable, please contact Dr. Osvaldo Pensado at (210) 522-6084 or me at (210) 522-5249.

Sincerely,



James Winterle
Manager, Performance Assessment

JW/rm
Enclosure

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