

June 9, 2006

MEMORANDUM FOR: Mark Thaggard, Section Chief
Environmental & Performance
Assessment Directorate
Division of Waste Management
and Environmental Protection
Office of Nuclear Materials Safety
and Safeguards

FROM: Andy Campbell, Section Chief /RA/
Performance Assessment Section
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety
and Safeguards

SUBJECT: TRANSMITTAL OF REPORT ON PERFORMANCE ASSESSMENT OF THE
STATE LICENSED DISPOSAL AREA, WEST VALLEY DEMONSTRATION
PROJECT

Dr. Richard Codell has documented the work he accomplished during his rotation in January - March, 2006 to the Performance Assessment Section, Division of Waste Management and Environmental Protection. The attached report develops conceptual and computer models for radionuclide releases from the State-Licensed Disposal Area caused by soil erosion, leading to doses for a scenario affecting the Seneca Indian nation. The report describes computer programs he developed and used as well as input files and descriptions on how to use the programs. A compact disk will be provided with the programs and files necessary to replicate the work presented in the report. Please contact Dr. Codell at (301) 415-8167 with any further questions.

Enclosure: Modeling Dose from the State Licensed Disposal Area at West Valley By Richard Codell

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