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U.S. Nuclear Regulatory Commission
ATTN: Ms. Michele O'Shaughnessy
Division of Waste Management and Environmental Protection
Two White Flint North
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Mail Stop T7-J8
Washington, DC 20555

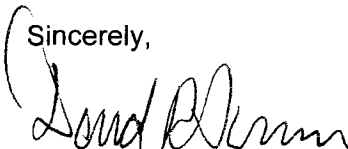
Subject: Transmittal of Software Requirements Document for Developing a Biosphere
Model in GoldSim (IM 06004.01.006.200)

Dear Ms. O'Shaughnessy:

The purpose of this letter is to transmit the subject deliverable. This report was prepared to document activities under Task 6 (Develop a Biosphere Model Using GoldSim), Subtask A, and describes the basic approaches to be used in developing a biosphere model within the GoldSim software platform. The document describes the basic scenarios to be modeled, and identifies the radionuclides to be tracked in the dose assessments. The intent is for the model to be broadly applicable to non-high level waste determination consultations and waste incidental to reprocessing reviews that will be conducted by U.S. Nuclear Regulatory Commission and Center for Nuclear Waste Regulatory Analyses staff for tank decommissioning activities at Savannah River, Idaho National Laboratory, West Valley, and Hanford.

If you have any questions regarding this abstract, please contact Ali Simpkins at (210) 522-6260 or me at (210) 522-2139. Your cooperation in this matter is appreciated.

Sincerely,



David R. Turner
Assistant Director
Non-Repository Programs

DRT:ls

enc.

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