The Honorable Mr. John T. Conway  
Chairman  
Defense Nuclear Facilities Safety Board  
625 Indiana Avenue N.W., Suite 700  
Washington, D.C. 20004

Dear Mr. Chairman:

COMPLETION OF THE DEFENSE NUCLEAR FACILITIES SAFETY BOARD (DNFSB), RECOMMENDATION 93-5 IMPLEMENTATION PLAN (IP), REVISION 1. MILESTONE 5.6.3.1.d. UPDATED HISTORICAL TANK CONTENT ESTIMATES (HTCE)

This letter reports completion of updated HTCEs as identified in Recommendation 93-5 IP, Revision 1. Milestone 5.6.3.1.d.

The HTCEs contain summaries of historical records concerning the physical, chemical, and radiological composition of mixed wastes stored in Single-Shell and Double-Shell Tanks. Each of the four HTCE documents (Northeast, Southeast, and Southwest quadrants) is accompanied by a set of Supporting Documents (SD) which contain the technical details on a tank-specific basis. The HTCEs and SDs were developed by reviewing operating plant histories, waste transfer records, and available physical, chemical, and radiological data compiled over the past fifty years of Hanford operations.

Several telephone conferences were held with the DNFSB technical staff to keep them informed of the development of this work. The full twenty-two volume set of HTCEs and SDs were submitted to the DNFSB technical staff on May 9, 1997. Because of the large size of the HTCE documents, the information has been made available on four compact disks which are enclosed.

The U.S. Department of Energy, Richland Operations Office has completed the action identified under this milestone and proposes closure of this commitment. If you have any questions, please contact me or your staff may contact Jackson Kinzer, Assistant Manager for Tank Waste Remediation System, on (509) 376-7591.

Sincerely,

[Signature]

John D. Wagoner  
Manager

Enclosures

cc w/o encl:  
J. Owendoff, EM-2  
C. Peabody, EM-4  
R. Erickson, EM-38  
K. Lang, EM-38  
M. Whitaker, S-3.1  
H. Hatch, FDH