Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

JUN 06 1997

97-WSD-136

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,
Northwest, 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,

John D. Wagoner
Manager

WSD:NWW

Enclosures

cc w/o encl:
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