

[DOE LETTERHEAD]
RICHLAND OPERATIONS OFFICE

October 31, 1997

The Honorable 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.f, "STANDARD INVENTORY ESTIMATES FOR ALL TANKS"**

As required by DNFSB Recommendation 93-5 IP, Revision 1, Milestone 5.6.3.1.f, due November 1997, enclosed is a floppy disk containing the standard inventory estimates for all tanks.

The standard inventory contains singlepoint inventory estimates for 27 chemical analyses and 46 radionuclides contained in Hanford Tank Waste. Estimates were made both globally and for all 177 individual tanks. The 178 documents describing the methodology used to create the estimates and the calculations were submitted to DNFSB technical staff on October 10, 1997.

Because of the large volume of standard inventory documentation, a teleconference call was held with the DNFSB staff on June 17, 1997, to reach agreement on how the estimates should be submitted. At that time, all participants agreed to the submittal of one hard copy of all estimates through the liaison office and to enclose a computer disk containing all estimates with this letter to you.

Tankspecific inventory estimates may change as additional tanks are sampled and the results of efforts to reconcile global inventory estimates with the tankspecific inventory estimates are incorporated. All revisions to the inventory estimates will be maintained and controlled in the Tank Characterization Database. This database may be viewed on the Internet at <http://twins.pnl.gov:8001/TCD/main.html>.

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) 3767591.

Sincerely,

John Wagoner

Manager

Enclosure

cc w/encl:

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