



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

OCT 31 1997

97-SCD-032

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

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 DNF SAFETY BOARD

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 single-point inventory estimates for 27 chemical analytes 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.

Tank-specific inventory estimates may change as additional tanks are sampled and the results of efforts to reconcile global inventory estimates with the tank-specific 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.

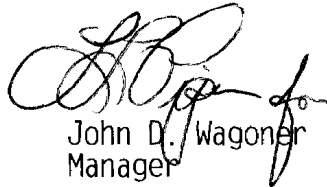
Chairman John T. Conway  
97-SCD-032

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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

SCD:NCW

Enclosure

cc w/encl:

J. M. Owendoff, EM-2  
C. A. Peabody, EM-4  
R. E. Erickson, EM-38  
K. T. Lang, EM-38  
M. B. Whitaker, S-3.1