



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

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DNF SAFETY BOARD

96-WSD-344

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 DEFENSE NUCLEAR FACILITIES SAFETY BOARD (DNFSB) RECOMMENDATION 93-5 IMPLEMENTATION PLAN (IP), REVISION 1, MILESTONE 5.4.3.4.C, "LETTER REPORTING COMPLETION OF SUPPORTING TECHNICAL DOCUMENT FOR ORGANIC SOLVENT SAFETY ISSUE"

This letter reports the completion of the supporting technical document for the organic solvent safety issue which is identified under Recommendation 93-5 IP, Revision 1, Milestone 5.4.3.4.c, "Letter Reporting Completion of Supporting Technical Document for Organic Solvent Safety Issue," dated December 31, 1996. The report entitled "Organic Solvent Topical," WHC-SD-WM-SARR-036, Revision 0, dated October 1996, completes the organic solvent supporting documentation which summarizes the safety analysis performed in support of the Basis for Interim Operation, and the ongoing work that supports the proposed Final Safety Analysis Report.

This report describes the nature of the separable-phase organic hazard and the screening methodology for passively ventilated tanks that use vapor space sample data to predict if sufficient liquid solvent is present. This report is applicable to Single-Shell Tanks, Double-Shell Tanks, and Double-Contained Receiver Tanks.

The U.S. Department of Energy, Richland Operations Office has completed the actions identified under this milestone and proposes closure of this commitment. Copies of the technical document have been sent to your staff.

If you have any questions, please contact me, or your staff may contact Jackson Kinzer, Assistant Manager for the Tank Waste Remediation System, on (509) 376-7591.

Sincerely,

John D. Wagoner  
 Manager

WSD:SOB

cc: R. D. Izatt, EM-2    K. T. Lang, EM-38  
 J. C. Tseng, EM-4    M. B. Whitaker, S-3.1