



Department of Energy
 Richland Operations Office
 P.O. Box 550
 Richland, Washington 99352
NOV 12 1996

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 DNF SAFETY BOARD

96-WSD-301

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 RECOMMENDATION 93-5, REVISION 1, MILESTONE 5.4.3.5.G, "LETTER REPORTING COMPLETION OF FLAMMABLE GAS SAFETY SCREENING OF REMAINING PASSIVELY VENTILATED SINGLE-SHELL TANKS TO DETERMINE IF STEADY-STATE VAPORS ARE LESS THAN 25% OF THE LOWER FLAMMABILITY LIMIT"

This letter reports completion of vapor space monitoring of the passively ventilated Hanford Site Single-Shell Tanks (SST), which is identified under the Recommendation 93-5 Implementation Plan (IP), Revision 1, Milestone 5.4.3.5.g.

The IP required the steady-state vapor of passively ventilated SST headspace be sampled and corrective actions be evaluated for any tank with measured headspace flammable gas concentrations greater than 25% of the Lower Flammability Limit (LFL). The largest measured result for all passively ventilated SSTs, was 13% of the LFL in Tank 241-C-103, therefore, corrective action evaluations are not required.

The U.S. Department of Energy, Richland Operations Office has completed the actions 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 the Tank Waste Remediation System, on 376-7591.

Sincerely,

A handwritten signature in black ink, appearing to read "John D. Wagoner".

John D. Wagoner
 Manager

WSD:CAG

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