

**[DOE (RICHLAND) LETTERHEAD]**

97-WSD-084

MAR 28 1997

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 5.4.3.5.k,  
"LETTER REPORTING COMPLETION OF RETAINED GAS SAMPLING IN TANKS AW-101,  
AN-103, AN-104, AN-105, AND 1-101. IF THE RETAINED GAS SAMPLING PERFORMANCE IS  
SATISFACTORY, INCLUDE FUTURE DEPLOYMENT SCHEDULE"**

This letter reports completion of "Composition and Quantities of Retained Gas Measured in Hanford Waste Tanks 241-AW-101, A-101, AN-105, AN-104, and AN-103," PNNL-11450, Revision 1, dated March 1997, and includes the Retained Gas Sampler (RGS) future deployment schedule. These deliverables are identified under the DNFSB Recommendation 93-5 IP, Revision 1, Milestone 5.4.3.5.k.

The IP requires the RGS to be tested in Double-Shell Tanks AW-101, AN-103, AN-104, AN-105, and in Single-Shell Tank (SST) A-101. The IP also required a future deployment schedule to be developed if the RGS performance was satisfactory. The performance of the RGS was satisfactory. SSTs 241-U-103, 241-S-106, 241-BY-101, and 241-BY-109 have been selected for Push Mode Core Sampling using the RGS and are forecast to be completed by June 30, 1997.

The U.S. Department of Energy, Richland Operations Office has completed the actions identified under this milestone and proposes closure of this commitment.

A copy of the RGS report, PNNL-11450, has been transmitted to your staff. If you have any questions, please contact me, or your staff may contact Jackson Kinzer, Assistant Manager for the Tank Waste Mediation System, on (509) 376-7591.

Sincerely,

**John D. Wagoner**  
Manager

WSD:CAG

cc: J. Owendoff, EM-2  
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