

**ENVIRONMENTAL MANAGEMENT ADVISORY BOARD  
U.S. DEPARTMENT OF ENERGY  
1000 INDEPENDENCE AVENUE SW  
WASHINGTON, DC 20585**

June 29, 2011

Dr. Inés R. Triay  
Assistant Secretary for  
Environmental Management  
1000 Independence Avenue SW  
Washington, DC 20585

Dear Dr. Triay:

Enclosed please find the Environmental Management Advisory Board EM Tank Waste Subcommittee Report for the Savannah River Site (SRS) / Hanford Tank Waste Review:

**Report Number TWS #003  
EMAB EM-TWS SRS / Hanford Tank Waste dated June 23, 2011**

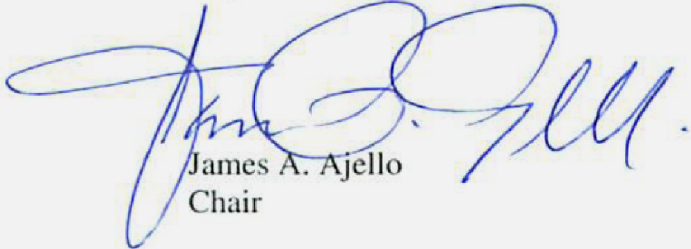
This report is submitted in accordance with the Work Plan directive, January 31, 2011.

This report covers the work plan observations and recommendations formally adopted by EMAB on June 23, 2011, concerning the tank waste program at SRS and Hanford. The charges are summarized below:

- **Charge 1: Modeling for Life Cycle Analysis**
- **Charge 2: Assess Candidate Low-Activity Waste Forms**
- **Charge 3: Assess At-Tank or In-Tank Candidate Technologies for Augmenting Planned Waste Pretreatment Capabilities**
- **Charge 4: Evaluate Various Melter Technologies**
- **Charge 5: Evaluate the Reliability of Waste Delivery Plans**
- **Charge 6: Identify Other Tank Waste Vulnerabilities at SRS and Hanford**
- **Charge 7: 2020 Vision, Early Start-up of One (1) LAW Melter**
- **Charge 8: Alternate Retrieval Strategies for the Hanford Waste Tanks**

If you have any questions or comments regarding the report or its recommendations, please feel free to contact me or the Board's Designated Federal Officer, Ms. Kristen Ellis.

Regards,

  
James A. Ajello  
Chair

Enclosure