

Peter S. Winokur, Chairman
Jessie H. Roberson, Vice Chairman
Sean Sullivan

**DEFENSE NUCLEAR FACILITIES
SAFETY BOARD**

Washington, DC 20004-2901



December 9, 2014

Mr. Mark Whitney
Acting Assistant Secretary for
Environmental Management
U.S. Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585-0113

Dear Mr. Whitney:

The Defense Nuclear Facilities Safety Board raised a number of issues regarding the design of instrumentation and control (I&C) systems at the Waste Treatment and Immobilization Plant (WTP) in our letter dated May 5, 2011. We consider the issues closed based on improvements to the Bechtel National, Incorporated hazard analysis and control selection processes and recent contract direction by the Department of Energy (DOE) to implement DOE Standard 1195-2011, *Design of Safety Significant Safety Instrumented Systems Used at DOE Non-Reactor Nuclear Facilities*, for the Low-Activity Waste Facility, Balance of Facilities, and Analytical Laboratory.

We will continue to follow the implementation of DOE Standard 1195-2011 as the WTP project progresses, including any evaluation regarding of the applicability of DOE Standard 1195-2011 to the High-Level Waste Facility and Pretreatment Facility I&C designs, as appropriate.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter S. Winokur".

Peter S. Winokur, Ph.D.
Chairman

c: Dr. Monica Regalbuto
Mr. Matthew Moury
Mr. Joseph Olencz