

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

**DEFENSE NUCLEAR FACILITIES  
SAFETY BOARD**

Washington, DC 20004-2901



September 24, 2014

The Honorable Ernest J. Moniz  
Secretary of Energy  
U.S. Department of Energy  
1000 Independence Avenue, SW  
Washington, DC 20585-1000

Dear Secretary Moniz:

On November 16, 2011, the Department of Energy (DOE) Office of Environmental Management responded to the Defense Nuclear Facilities Safety Board's (Board) September 13, 2011, letter that raised concerns about the design and safety-related controls for potential releases of large quantities of ammonia at the Waste Treatment and Immobilization Plant (WTP). To address the Board's concerns, DOE committed to perform three new hazard and accident analyses by January 1, 2013. These analyses would address Pretreatment Facility main control room habitability, Balance of Facilities interactions with other WTP facilities, and potential tanker truck events (e.g., ammonia tanker truck accidents). To date, DOE has not completed these analyses.

Therefore, pursuant to 42 U.S.C § 2286b(d), the Board requests within 60 days an updated plan and schedule for addressing the Board's concerns with ammonia releases and spills, including specific plans to address Balance of Facilities interactions with each of the WTP facilities.

Sincerely,

  
Peter S. Winokur, Ph.D.  
Chairman

c: Mr. Mark Whitney  
Dr. Monica Regalbuto  
Mr. Joe Olencz