



Department of Energy  
National Nuclear Security Administration  
Washington, DC 20585



NOV 9 2010

The Honorable Peter S. Winokur  
Chairman  
Defense Nuclear Facilities Safety Board  
625 Indiana Avenue, NW, Suite 700  
Washington, D.C. 20004

Dear Mr. Chairman:

This letter is to notify you that the Department of Energy has completed Deliverable 5.2.1 of the Department's Implementation Plan (IP) for Recommendation 2009-2, *Los Alamos National Laboratory Plutonium Facility Seismic Safety*. Deliverable 5.2.1 is a summary of the unmitigated accident analysis for seismically-induced events, including scenario description, accident progression, assumptions, and unmitigated dose consequences.

The enclosure is based upon a June 2010 revision of the Plutonium Facility Documented Safety Analysis (DSA) that is currently being reviewed by the National Nuclear Security Administration Los Alamos Site Office (LASO). Deliverable 5.2.2 of the IP for Recommendation 2009-2 will update these analyses based on a subsequent update of the Plutonium Facility DSA.

If you have any questions, please contact me at (202) 586-4379.

Sincerely,

James J. McConnell  
Assistant Deputy Administrator  
for Nuclear Safety, Nuclear  
Operations, and Governance Reform  
Office of Defense Programs

Enclosure

cc: M. Campagnone, HS-1.1  
K. Smith, LASO

The enclosure contains Official Use Only information. When separated from the enclosure, this letter is Unclassified.