



Department of Energy
National Nuclear Security Administration
Washington, DC 20585



July 8, 2008

The Honorable A. J. Eggenberger
Chairman
Defense Nuclear Facilities Safety Board
625 Indiana Avenue, NW, Suite 700
Washington, D.C. 20004-2901

Dear Mr. Chairman:

On July 12, 2006, Secretary Bodman submitted the Department's revised Implementation Plan (IP) for Defense Nuclear Facilities Safety Board Recommendation 2004-2, *Active Confinement Systems*. Deliverable 8.6.3 of the IP consists of facility-specific confinement ventilation system (CVS) evaluations performed by the site offices in accordance with the Department's Ventilation System Evaluation Guidance. Deliverable 8.6.5 consists of Program Secretarial Office concurrence and approval of the disposition of gaps and upgrades. This letter and its enclosure comprise Deliverables 8.6.3 and 8.6.5 for the Plutonium Facility (Building 332) at Lawrence Livermore National Laboratory.

The CVS evaluation report for Building 332, the associated Independent Review Panel (IRP) report, and the Livermore Site Office letter requesting Defense Programs' approval are enclosed. In accordance with the IP and National Nuclear Security Administration (NNSA) guidance dated December 6, 2006, the Department of Energy IRP and the NNSA Central Technical Authority's Chief of Defense Nuclear Safety (CDNS) have performed separate reviews of the evaluation and its conclusions.

The enclosed report discusses two upgrade projects designed to enhance ventilation system reliability in Building 332. These projects are described in the Building 332 Documented Safety Analysis (DSA) and are currently being implemented. The first project involves improvements to the electrical system that supports the CVS (power supply replacement and distribution system upgrades) and is scheduled to be completed by April 2009. The second project involves adding High Efficiency Particulate Air filtration stage differential pressure switches to shut down the associated room ventilation system or glovebox exhaust system exhaust fans on high differential pressure and is scheduled for completion by January 2009. The Building 332 CVS evaluation did not identify any gaps in addition to those previously identified in the DSA, and therefore, there are no additional recommended actions or modifications necessary as a result of the review.

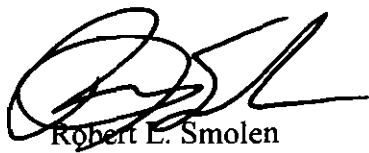
**Document enclosed contains OUO information.
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The NNSA CDNS and IRP have concluded that the evaluation and its results are technically sound and appropriate, and meet the intent of the IP. I support the conclusions reached by the site, IRP and CDNS.

If you have any questions concerning this letter or its attachment, please contact me or have your staff contact Rick Kendall at (301) 903-3102 or by e-mail at Rick.Kendall@nnsa.doe.gov.

Sincerely,



Robert E. Smolen
Deputy Administrator
for Defense Programs

Enclosure

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