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Department of Energy
Carlsbad Field Office
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AUG 0 5 2013

Mr. Jonathan D. Edwards, Director
Radiation Protection Division
U.S. Environmental Protection Agency
Ariel Rios Building, Mail Code: 6608J
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Subject: Surface Dose Rate Measurements on Shielded Containers

Dear Mr. Edwards:

This letter and the enclosures provide responses to the Environmental Protection Agency's (EPA) questions and concerns regarding shielded containers. The three enclosures to this letter include:

- (Enclosure 1) The Department of Energy's responses to EPA's concerns on measurement uncertainty, maximum dose rate, and an explanation of dose reduction modeling;
- (Enclosure 2) A narrative and figure on the process flow for shielded containers; and,
- (Enclosure 3) The revised Central Characterization Program (CCP) Shielded Container Assembly Loading procedure (CCP-TP-081).

The CCP Shielded Container Assembly Loading procedure was revised to incorporate recommendations that were derived from the shielded container assembly loading demonstration conducted on June 13, 2013 at the Argonne National Laboratory.

If you have any questions concerning shielded containers, please contact Mr. Russell Patterson at (575) 234-7457.

Sincerely,

Jose R. Franco, Manager
Carlsbad Field Office

Enclosures (3)

cc: w/enclosures

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