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National Nuclear Security Administration
 Los Alamos Site Office, MS A316
 Environmental Restoration Program
 Los Alamos, New Mexico 87544
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Date: OCT 31 2012 KL 10/31/12
 Refer To: EP2012-0158

Peter Maggiore, Assistant Manager
 Environmental Operations
 Los Alamos Site Office
 U.S. Department of Energy
 3747 West Jemez Road, MS A316
 Los Alamos, NM 87544

Subject: Derivation and Use of Radionuclide Screening Action Levels, Revision 2

Dear Mr. Maggiore:

Enclosed please find one hard copy with electronic files of the Environmental Programs report entitled "Derivation and Use of Radionuclide Screening Action Levels, Revision 2." The revised report incorporates new guidance from the International Commission on Radiological Protection publication 72 (dose conversion factors); U.S. Environmental Protection Agency (exposure factors); and U.S. Department of Energy (DOE) Order 458.1 (dose constraints). The screening action levels (SALs) calculated and presented herein will be used to assess environmental data and calculate dose to the public as well as to other receptors. The SALs will also be used to make corrective action decisions for Los Alamos National Laboratory (the Laboratory) sites and support land transfer decisions by the Laboratory and DOE.

The enclosed document is provided for Los Alamos Site Office review and approval. The current approved SALs will continue to be used until this report is approved.

If you have any questions, please contact Richard Miranda at (505) 665-6953 (rmiranda@lanl.gov).

Sincerely,

BSchappell for JM
 Jeff Mousseau, Associate Director
 Environmental Programs
 Los Alamos National Laboratory

Sincerely,

Michael Brandt
 Michael Brandt, Associate Director
 Environment, Safety, and Health
 Los Alamos National Laboratory

MG/MB/RM:sm

Enclosure: Hard copy with electronic file – Derivation and Use of Radionuclide Screening Action Levels, Revision 2 (LA-UR-12-23292)

Cy: (w/enc.)

Rich Miranda, EP-ENG, MS M992

Jeff Whicker, ENV-ES, MS J978

Cy: (w/o enc.)

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