



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

April 3, 2012

International Isotopes, Inc.
ATTN: Laurie McKenzie-Carter
Chief Financial Officer
4137 Commerce Circle
Idaho Falls, Idaho 83401

SUBJECT: DECOMMISSIONING FINANCIAL ASSURANCE

The U.S. Nuclear Regulatory Commission has reviewed the Payment Surety Bond and amended Standby Trust Agreement submitted by letter dated March 19, 2012. No deficiencies were identified during the technical review. If you have any questions regarding this matter please contact me at 817-200-1189.

Sincerely,

/RA/

Roberto J. Torres, Senior Health Physicist
Nuclear Materials Safety Branch B

Docket: 030-35486
License: 11-27680-01
Control: 576928

cc: International Isotopes, Inc.
ATTN: John J. Miller, CHP
Radiation Safety Officer
4137 Commerce Circle
Idaho Falls, Idaho 83401