



## **International Isotopes Inc.**

December 28, 2012

Ms. Maria Arribas-Colon  
US Nuclear Regulatory Commission  
11545 Rockville Pike, MS T8E24  
Rockville, MD 20852

Subject: Response to Request for Additional Information Regarding Application to Amend  
NR-1235-S-108-S

Dear Ms. Arribas-Colon,

The following additional information is provided to support my request to amend Sealed Source and Device Registry NR-1235-S-108-S.

1. *Please provide complete information on when the 3 options listed on Attachment 2 of 3 are used.*

Response: Option 1, is used with imaging devices that do not have a specific means of attaching the source to the imaging device, the calibration source is simply placed on the patient bed. Option 2, is used with imaging devices that have a yoke to attach the source to the imaging device such as the Siemens Biograph™ mCT. Option 3, is used when the customer requests that the source be provided with the optional threaded mounting base to fit into an American College of Radiology (ACR) Phantom.

2. *Please clarify if the top lid would have similar options as the bottom lid, as specified on Attachment 2 of 3. If this is the case, please provide drawings.*

Response: There are no optional configurations for the top lid.

3. *The drawings on Attachment 2 of 3 do not specify the total number of fasteners used and their space allocation. Please provide drawings of the full top and bottom views. Electronic format for the drawings is preferred.*

Response: There are a total of 8 fasteners per lid used to attach the bottom and top lids to the body of the source. The fasteners are located at 0°, 45°, 90°, 135°, 180°, 225°, 270°, and 315° along the circumference to the top and bottom lids. Drawings in electronic format will be provided.

Should you have any questions, please contact me by phone at (208) 524-5300 or by email at [jjmiller@intisoid.com](mailto:jjmiller@intisoid.com).

Sincerely,

John J. Miller, CHP

JJM-2012-40