



U.S. Department of Transportation  
**Pipeline and Hazardous Materials  
 Safety Administration**

1200 New Jersey Avenue, SE  
 Washington, DC 20590

**FEB - 6 2014**

Mark Lombard, Director  
 Division of Spent Fuel Storage and Transportation  
 Office of Nuclear Material Safety and Safeguards (NMSS)  
 U.S. Nuclear Regulatory Commission  
 11601 Landsdown Street  
 Mail Stop 3WFN-14-C28  
 North Bethesda, MD 20852

Dear Mr. Lombard:

In accordance with the Memorandum of Understanding between our agencies, I request that you review the enclosed Australian Certificate of Approval No. AUS/2007-13/B(U)-96, Revision 1, for the 1860A package and make a recommendation concerning our revalidation of the package for import and export use.

On March 21, 2008 I requested that your office review the prior revision of this certificate. Per request of our applicant, I requested the withdrawal of the application from NRC review on April 9, 2009. Your review (Docket 71-3082, TAC L24201) was then concluded and an April 10, 2009 letter to me noted the specific shielding and thermal deficiencies that had been identified by your staff during their review, which should be resolved prior to resubmittal of the application to you.

In response to the deficiencies noted by the previous NRC review, changes were made to the package design and additional thermal testing was performed. I informed our applicant that the changes would first need to be approved by the Australian competent authority prior to our consideration for revalidation.

Attached are the following:

- Australian Certificate of Approval No. AUS/2007-13/B(U)-96, Revision 1,
- December 23, 2013 letter from International Isotopes Inc. requesting revalidation
- November 6, 2009 letter from International Isotopes Inc.

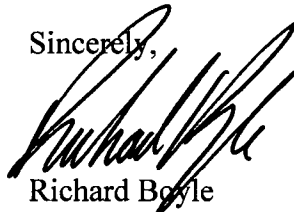
Enclosed is a disc containing the following:

- The December 23, 2013 letter from International Isotopes Inc.
- Australian Certificate of Approval No. AUS/2007-13/B(U)-96, Revision 1
- Approval from the Civil Aviation Safety Authority, Australia
- Revision 1.13 of the Model 1860A Safety Analysis Report
- ADM QA Manual
- A photo history
- Package Simulations (MicroShield 9.0)

WMS501

I request you provide an estimate of the time needed to complete your review. If you have any questions or need any additional safety information, please feel free to contact Michael Conroy of my staff at (202) 366-3597 or via email at Michael.Conroy@dot.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard Boyle". The signature is stylized and written over the printed name.

Richard Boyle  
Sciences Branch  
Division of Engineering and Research  
Office of Hazardous Materials Safety

Enclosures