



International Isotopes Inc.

February 27, 2009

ATTN: Document Control Desk
Director, Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Request to Revise Authorization for Limited Shipments in the Model No. 5979 Package, Certificate of Compliance No. 5979.

Dear Mr. Brach,

International Isotopes, Inc. (INIS) requests a revision to the US Nuclear Regulatory Commission *Authorization for Limited Shipments in the Model No. 5979 Package*, along with the *Safety Evaluation Report, Docket 71-5979 Model No. 5979* that was issued to INIS on January 6, 2009. The revision is necessary to incorporate the revisions Alpha Omega Services (AOS) submitted to the NRC on February 9, 2009 and supplemented on February 19, 2009 to address NRC inspection findings. This revision will;

1. Limit the number of authorized packages to two, Serial Number AOS-1 and Serial Number AOS-2 with IIIA Overpack and Pallet,
2. Would revise the reference to Drawing Numbers: 0094, Rev.1: 0095, Rev 0:, 0096 Rev. 0 and 0097, Rev:1; and
3. Would require that each package must meet the Maintenance Inspection Program of the AOS supplement dated February 9, 2009 and that each package must be prepared for shipment with the Operating Procedures of the supplement dated February 9, 2009.

Note that INIS has already reviewed draft copies of AOS procedures PR9101, AOS Model 5979 Maintenance Inspection Procedure Rev. C and PR9100 AOS Model 5979 Container Operating Procedures Rev. E, and are awaiting controlled copies from AOS, along with the new and revised drawings mentioned in Item 2 above.

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We have also received DOT-SP 14772 (Second Revision) dated February 25, 2009.

INIS will coordinate closely with AOS to schedule the use of the container. We ask that the NRC processes our request to revise our Authorization to use the 5979 as expeditiously as possible so that we may use the package when the AOS schedule allows.

If you or your staff has any questions regarding the request, please contact me at 208 524-5300 or via email at jjmiller@intisoid.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. J. Miller', followed by a long, horizontal, slightly wavy line that extends to the right.

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

cc:

J. J. Miller file (JJM-2009-13)
Rick Boyle, Department of Transportation
Troy Hedger, Alpha Omega Services