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August 10, 2006

Dennis R. Lawyer  
Commercial and R&D Branch  
Division of Nuclear Materials Safety  
U.S. Nuclear Regulatory Commission, Region I  
475 Allentown Road  
King of Prussia, PA 19406-1415

J-6  
MS-16

45-31175-01  
03037310

Dear Dennis Lawyer,

My apologies for the omission of the items you mentioned in your letter on August 3, 2006. I have addressed these items and will discuss them in turn below.

Addition 1: I have included a letter from **Lon Slane, President**, Dilon Technologies, LLC.

Addition 2: There was an error in Item 5 (Radioactive Materials) of the application. We have not received the Survey Meter Check Source (Part Number 01-5196) from Ludlum Measurements yet, and I had used a representative part number for the Cs-137 source. I have contacted Ludlum Measurements and they have provided me with the manufacturers name (**Spectrum Technique**) that provides the source to them. I contacted Spectrum Technique and they provided me with the model number (**CS-137S1**) for the 1- $\mu$ Ci Cs-137 source. The source will be a 1-inch diameter disk, presumably a Type D source.

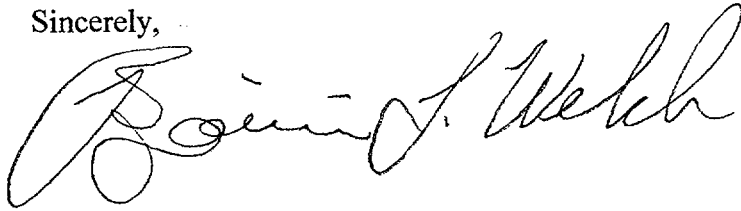
Addition 3: There was an omission in Item 8 (Training for individuals working or frequenting restricted areas) of the application. The statement "**Refresher training for non-authorized users working in the Hot lab will be required on an annual basis.**" should be included in Item 8.

Addition 4: There was a typo in Item 10 (Material Receipt and Accountability) of the application. The survey instruments that will be used meet the radiation monitoring instrument specifications published in **Appendix N to NUREG - 1556, Vol. 7, 'Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope,'** dated December 1999.

I hope that the additional information in this letter will be sufficient to address the missing information on the Application for Materials License that was filed on behalf of Dilon Technologies. If it would be more appropriate for me to forward a revised copy of

the application with these additions, I will be happy to do so. Please let me know if that would be required. Thank you.

Sincerely,

A handwritten signature in black ink, reading "Benjamin J. Welch". The signature is fluid and cursive, with the first name "Benjamin" being larger and more prominent than the last name "Welch".

Dr. Benjamin Welch  
Senior Research Scientist  
Dilon Technologies, LLC  
12050 Jefferson Avenue, Suite 250  
Newport News, Virginia 23606  
[b.j.welch@dilon.com](mailto:b.j.welch@dilon.com)  
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Enclosure: Lon Slane Letter



August 10, 2006

Dennis R. Lawyer  
Commercial and R&D Branch  
Division of Nuclear Materials Safety  
U.S. Nuclear Regulatory Commission, Region I  
475 Allentown Road  
King of Prussia, PA 19406-1415

Dear Dennis Lawyer,

I have review the application that is being submitted to the Nuclear Regulatory Commission on behalf of Dilon Technologies, LLC and concur with the statements and representations contained therein. Dr. Benjamin Welch will serve as our Radiation Safety Officer and the main point of contact on technical matters. Feel free to contact me directly on matters that you feel are appropriate. My contact information is listed below. Thank you.

Sincerely,

A handwritten signature in cursive script that reads "Lon Slane".

Lon F. Slane, President  
Dilon Technologies, LLC  
12050 Jefferson Avenue, Suite 250  
Newport News, Virginia 23606  
[lslane@dilon.com](mailto:lslane@dilon.com)  
757-269-4910