



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

August 24, 2006

Docket No. 03003575
Control No. 139145

License No. 01-06571-10

Allen Elliot
Manager
National Aeronautics and Space Administration
George C. Marshall Space Flight Center
NASA, MSFC, AS6OM
Huntsville, AL 35812

SUBJECT: NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, REQUEST FOR
ADDITIONAL INFORMATION CONCERNING APPLICATION FOR
AMENDMENT TO LICENSE, CONTROL NO. 139145

Dear Mr. Elliot:

This is in reference to your letter dated July 11, 2006 requesting to amend Nuclear Regulatory Commission License No. 01-06571-10. In order to continue our review, we need the following additional information:

1. Authorized users are required to be qualified by training and experience as stated in section 8.7.2 of NUREG 1556, Volume 7, "Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope". Provide information about the proposed AU's experience relative to the licensed material requested.
2. In your amendment request you state that all depleted uranium workers will have bioassays. State the frequency of the bioassays and the lower limit of detection (LLD) for the bioassays.
3. For purposes of surveying the rooms associated with the use of depleted uranium choose one of the two following options: State "We will survey our facility and maintain contamination levels in accordance with the survey frequencies and contamination levels published in Appendix Q to NUREG 1556, Volume 7, "Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope" or submit a description of alternative equipment and/or procedures to evaluate a radiological hazard.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Toolkit Index Page**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

A. Elliot 2
National Aeronautics and Space Administration

We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 139145. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5399.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your application.

Sincerely,

Original signed by Stephen Hammann

Stephen Hammann
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

cc:
Philip Brown, Radiation Safety Officer

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SUNSI Review Complete: SHammann

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NAME	SHammann / <i>STH2</i> /							
DATE	8/24/06							

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