



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

March 25, 2011

Docket No. 03035668
Control No. 574678

License No. 45-25551-01

Sherry J. Davis
Chief, Environment, Safety, and
Department of Defense
Defense Threat Reduction Agency
8725 John J. Kingman Road, MSC 6201
Fort Belvoir, VA 22060-6201

SUBJECT: DEPARTMENT OF DEFENSE, REQUEST FOR ADDITIONAL INFORMATION
CONCERNING APPLICATION FOR RENEWAL OF LICENSE, CONTROL NO.
574678

Dear Ms. Davis:

This is in reference to your letter dated March 16, 2011 requesting to renew Nuclear Regulatory Commission License No. 45-25551-01. In order to continue our review, we need the following additional information:

1. In your letter you have requested for renewal of your license. According to NUREG 1556 Volume 7, 'Consolidated Guidance About Materials Licenses Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope,' Section 9 it states, "For renewals, provide a complete and up-to-date application, if many outdated documents are referenced..." This license has 9 letters which are referenced. Please submit a full renewal application using guidance shown in NUREG 1556, Volume 7.
2. You have requested Plutonium 239 calibrations sources but did not give model number that is registered in the sealed source and device registry. 10 CFR 30.32(g) requires that an application for a specific license to use byproduct material in the form of a sealed source or in a device that contains a sealed source must either identify the source or device by manufacturer and model number as registered with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State; or contain the information identified in 10 CFR 32.210(c). Please provide this information for the sealed source(s) requested in your application. Otherwise, the sources can be listed as unsealed sources but would require financial assurance per 10 CFR 30.35 for any amount over 10 mCi. Also, in order to not have authorized users and use training as described in your June 11, 2009 letter, you will need to commit to using calibrations sources you had submitted.

3. In your letter you stated that you had plans to submit an application to become a Type A Broadscope. Research and Development Broad-Type A licenses are issued to larger organizations where there is a diversity in the use of various radionuclides. Type A licenses of broad scope are typically the largest licensed programs and encompass a broad range of uses. The kinds and uses of radionuclides may change frequently, even within the same organization. Based on the license and the last inspection, it does not appear that you would need a Type A Broadscope license. Further information and justification would be needed to support such an application. No response is required for this item.

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 **Regulations, Guidance, and Communications**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 7:00 a.m. to 6:30 p.m. EST, Monday through Friday (except Federal holidays).

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. 574678. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5366.

In order to continue prompt review of your application, we request that you submit your response to this letter within 30 calendar days from the date of this letter.

Sincerely,

Original signed by Dennis R. Lawyer

Dennis R. Lawyer
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

cc:
Michael W. Hinton, Radiation Safety Officer

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