



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

June 29, 2012

Docket No. 03014904
Control No. 577775

License No. 09-11149-03

Randall E. Scott
Radiation Safety Officer
National Aeronautics and Space Administration
TA-C2
John F. Kennedy Space Center
Kennedy Space Center, FL 32899

SUBJECT: NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, REQUEST FOR
ADDITIONAL INFORMATION CONCERNING APPLICATION FOR
AMENDMENT TO LICENSE, CONTROL NO. 577775

Dear Mr. Scott:

This is in reference to your letter dated June 14, 2012, requesting to amend Nuclear Regulatory Commission License No. 09-11149-03. In order to continue our review, we need the following additional information:

1. Your request states that you will only calibrate survey instruments owned by the National Aeronautics and Space Administration (NASA). Since NASA, as an organization, possesses multiple licenses at various locations about the country, please confirm that you are referring to those survey instruments possessed by NASA at the Kennedy Space Center.
2. Provide diagrams of facilities designed or established for special uses (i.e., instrument calibration facilities).
3. 10 CFR 30.32(g) requires, in part, that an application for a specific license to use byproduct material in the form of a sealed source or in a device that contains the sealed source must either identify the source or device by manufacturer and model number as registered with the Commission under 10 CFR 32.210, with an Agreement State, or for a source or a device containing radium-226 or accelerator-produced radioactive material with a State under provisions comparable to 10 CFR 32.210. Your license was last amended on January 23, 2008, and the information required above was not provided at that time. Note that sealed sources and devices distributed as exempt or general license items will not be added to the license and need not be included in the response to this request.
4. Also, during the review of your license, it was noted that your possession limit for unsealed byproduct material for one radionuclide (i.e., 100 millicuries per radionuclide) would, except for tritium, put NASA at or above the threshold for financial assurance. License Condition No. 13 does indicate the licensee will maintain its possession below

R. Scott

2

the threshold requiring financial assurance, however, consider looking over your use of unsealed licensed material and determine whether a lower possession limit is more appropriate.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Med, Ind, & Academic Uses**; then **Licensee Toolkits, see our toolkit index page**. 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 8:00 a.m. to 5:30 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. 577775. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5075.

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 Steve Courtemanche

Steven Courtemanche
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

DOCUMENT NAME: G:\WordDocs\Current\Lic Def Letter\L09-11149-03.577775.doc

SUNSI Review Complete: SCourtemanche

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