



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

July 12, 2010

Docket No. 03017547
Control No. 573062

License No. 39-19399-02

John Bemiss
Radiation Safety Officer
Department of Commerce
National Oceanic and Atmospheric Administration
National Ocean Service
219 Fort Johnson Road
Charleston, SC 29412-9110

SUBJECT: DEPARTMENT OF COMMERCE, REQUEST FOR ADDITIONAL INFORMATION
CONCERNING APPLICATION FOR AMENDMENT TO LICENSE, CONTROL
NO. 573062

Dear Mr. Bemiss:

This is in reference to your letter received June 28, 2010, requesting to amend Nuclear Regulatory Commission License No. 39-19399-02. In order to continue our review, we need the following additional information:

1. Please confirm whether the areas where sulfur-35, calcium-45 and iodine-125 were used are still used as restricted areas for the use of radioactive materials. If not, provide survey reports, as close to the time of last use, which show that there was no residual contamination in the areas of use. Provide a list of what radiation detection instruments were used and their minimum detectable activities.
2. Your letter states that there have been no orders in greater than three years. Please provide a more exact time frame as to when licensed activities with the above radioisotopes ceased. The time of cessation being when the decay-in-storage survey indicated that the licensed material could be placed in the normal waste stream or the radioactive material was sent to a licensed waste broker for disposal.
3. Please confirm our understanding that the use of iodine-125 at your facility was confined to Radio Immuno Assay kits and that your possession, at any one time, did not exceed 200 microcuries.
4. Please provide copies of the decay-in-storage records for the disposal of the last shipment of sulfur-35 and the waste manifest for the last shipment of calcium-45. Provide a copy of the license for the licensed waste broker used for the disposal of the calcium-45.

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. 573062. 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

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

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SUNSI Review Complete: SCourtemanche

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