

April 26, 2013

REC RG 1 05 10 13 AM 10:56

US Nuclear Regulatory Commission
 Region I
 2100 Renaissance Blvd, Suite 100
 King of Prussia, PA 19406-2713

Subj: Addition of new isotope, increases in limits, and address change for Columbia University

Ref: License number 31-28713-01 *U30-34376*

Dear Sir/Madam:

This letter is to request an amendment to the referenced license for the addition of a new isotope, an increase in the activity limit for an existing isotope, and a change of address.

Please add P-32 to the license and increase the possession limits for P-33 and Cs-137 as follows:

Radioactive Material	Chem / Physical Form	Requested Possession Limit
P-32	Any	10 millicuries
Condition 6.C P-33	Any	10 millicuries
Condition 6.F Cs-137	Sealed Sources (Isotope Products Lab Model 225), 2 sources, 10 mCi each	20 millicuries

We possess a New York State license for the Cs-137 sealed sources, one primary source and one backup source, and originally anticipated using only one source at a time onboard ships. I wish to have the flexibility of allowing two sea bed core density measuring equipment sets to be used on board ships and therefore I am requesting the increase in the Cs-137 limit.

The P-32 and P-33 isotopes are used to measure biological utilization of inorganic and organic compounds in aquatic environment samples. The radioactive material is used to spike sea water samples and then the uptake by aquatic microorganisms is measured.

In addition, our offices have moved recently and the new address for the license is:

419 West 119th Street, Mail code 2215
 New York, NY 10027

580732
 NMSS/RGNI MATERIALS-002

If you have any questions on these matters, please call me at 212-305-0305 or via email at JL4025@columbia.edu.

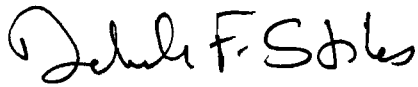
Sincerely,



Jeffrey Leavey, CHP
Radiation Safety Officer – Research



Chaitanya R. Divgi, M.D.
Chair, Radiation Safety Committee



Deborah Stiles
Vice President for Research Operations
For Dr. M. Purdy
Executive Vice President for Research

This is to acknowledge the receipt of your letter application dated

04/26/2013, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (31-28713-01)
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 580732.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.