

April 21, 2017

Br. 2

U.S. Nuclear Regulatory Commission
Division of Nuclear Material Safety
Region I
2100 Renaissance Blvd, Suite 100
King of Prussia, PA 19406-2713

Re: Amendment of radioactive materials license, 31-28713-01, Docket No. 030-34376

Dear Sir/Madam:

By this letter Columbia University Lamont-Doherty Earth Observatory is requesting amendment of the above radioactive materials license to add Thorium-230 as follows:

- Item 6C:** Thorium-230
- Item 7C:** Any
- Item 8C:** 1.0 microcurie

Item 9: Research and development as defined in 10 CFR 30.4.

If you have any further questions on this matter, please contact Dr. Morgan at 212-342-1953 or t1m2126@columbia.edu.

Sincerely,

**Thomas L.
Morgan, Ph.D.,
CHP**

Digitally signed by Thomas L. Morgan,
Ph.D., CHP
DN: cn=Thomas L. Morgan, Ph.D., CHP,
o=Columbia University, ou=Radiation
Safety/Environmental Health and Safety,
email=t1m2126@columbia.edu, c=US
Date: 2017.04.18 16:09:53 -04'00'

Thomas L. Morgan, Ph.D., CHP
Executive Director, Radiation Safety/
Chief Radiation Safety Officer

Robert F. Anderson, Ph.D.
Chair, Radiation Safety Committee

**Deborah F.
Stiles**

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DN: cn=Deborah F. Stiles,
o=Columbia University, ou=Off. EVP
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Date: 2017.04.17 10:51:04 -04'00'

Deborah F. Stiles
Vice President
Research Operations

**Robert
Anderson**
n

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Anderson
DN: cn=Robert Anderson,
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Observatory,
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Date: 2017.04.17 13:42:13
-05'00'

REC RG 104 25 17 PM 02:12

594607
RADIOACTIVE MATERIALS-002



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee Columbia University ATTN: Thomas L. Morgan, Ph.D., Executive Director, Radiation Safety 419 West 119th Street, Mail Code 2215 Environmental & Occupational Health New York, New York 10027	Date April 28, 2017
	License Number(s) 31-28713-01
	Mail Control Number(s) 594607
	Licensing and/or Technical Reviewer or Branch Commercial, Industrial, R&D, & Academic Branch (Branch 2)

This is to acknowledge receipt of your: Letter and/or Application Dated: 04/21/2017

The initial processing, which included an administrative review, has been performed.
 Amendment Termination New License Renewal

There were no administrative omissions identified during our initial review.

This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
 Follow the instructions on the form for submission.

The following administrative omissions have been identified:
 [Empty box for listing omissions]

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region I U. S. Nuclear Regulatory Commission Division of Nuclear Materials Safety 2100 Renaissance Boulevard, Suite 100 King of Prussia, PA 19406-2713 (610) 337-5260, (610) 337-5313, (610) 337-5398, or (610) 337-5239
