



Environmental Health and Safety
Office of the Director

September 19, 2023

Shawn Seeley
Health Physicist
Commercial, Industrial, R&D and Academic Branch
Division of Radiological Safety and Security
USNRC Region I
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406

RE: NRC License No. 09-35487-01

Dear Mr. Seeley,

On July 26, 2023, we have relocated the C-14 sealed source from Arecibo Observatory to Culebra, Puerto Rico. In relation to your letter dated June 23, 2023, we hereby request for the amendment of the radioactive materials license 09-35487-01 to:

remove former licensee's facility address:
Arecibo Observatory, Route 625, Esperanza, Arecibo, Puerto Rico, 00612

and retain current facility address and location to store and use the licensed material at:
Flamenco Farm, Carretera 251, Barrio Flamenco, Culebra, Puerto Rico, 00775;

and

add **Mr. Carlos Perez** as authorized user, under line 11.A of the license.

If you need further information or clarification, please contact me at 407-823-3747 or via email at renee.michel@ucf.edu.

Enclosed is the certificate of completion Mr. Carlos Perez on Radiation Safety Awareness and Sealed Source Safety Training.

Cordially,

RENEE MICHEL
Director of Environmental Health and Safety

REC RG 1 10 06 23 PM 10:49



Certificate of Completion

THIS CERTIFIES THAT

Carlos Perez

*has successfully completed the required course of study
and therefore awarded this certificate of completion for:*

Sealed Source Safety Training

Completion Date

September 15, 2023

Renee Michel

Renee Michel
**Director of Environmental
Health & Safety**



Certificate of Completion


THIS CERTIFIES THAT

Carlos Perez

*has successfully completed the required course of study
and therefore awarded this certificate of completion for:*

Radiation Safety Awareness

Completion Date
September 15, 2023

Renee Michel

Director of Environmental
Health & Safety



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD – SUITE 102
KING OF PRUSSIA, PA 19406-1415

June 23, 2023

Renee Michel, Director of
Environmental Health and Safety
University of Central Florida
P. O. Box 163500
Orlando, FL 32816-3500

SUBJECT: UNIVERSITY OF CENTRAL FLORIDA, LICENSE AMENDMENT, MAIL
CONTROL NO. 635461

Dear Ms. Michel:

This refers to your license amendment request dated March 29, 2023. Please find enclosed Amendment No. 4 authorizing the new location of use at Flamenco Farm in Culebra, Puerto Rico. Please note, you must file a separate request to remove the previous location of use at the Arecibo Observatory once the source has been relocated.

An environmental assessment for this action was not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please contact me at 610-337-5102 or by electronic mail to Shawn.seeley@nrc.gov so that appropriate corrections or answers can be provided.

You will be periodically inspected by the NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action(s) against you. This could include issuance of a Notice of Violation, or Imposition of a Civil Penalty, or an Order Suspending, Modifying or Revoking Your License as specified in the NRC Enforcement Policy. The NRC Enforcement Policy is available at:
<http://www.nrc.gov/reading-rm/doc-collections/enforcement/>.

An electronic version of the NRC's regulations is available on the NRC Web Site at: www.nrc.gov. Additional information regarding use of radioactive materials may be obtained on the NRC Web Site at: <http://www.nrc.gov/materials/miau/mat-toolkits.html>. This site also provides the link to the toolbox for updated information on the revised regulations for naturally-occurring and accelerator-produced radioactive materials (NARM).

NRG 1 10 06 23 AM 10:49

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web Site at: <http://www.nrc.gov/about-nrc/safety-culture.html>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web Site at: <http://www.nrc.gov/reading-rm/adams.html>.

Thank you for your cooperation.

Sincerely,

Shawn W. Seeley

Digitally signed by Shawn W.
Seeley
Date: 2023.06.23 10:26:11 -04'00'

Shawn Seeley, Health Physicist
Commercial, Industrial, R&D
and Academic Branch
Division of Radiological Safety and Security
Region I

Docket No. 030-39108
License No. 09-35487-01
Mail Control No. 635461

Enclosure:
Amendment No. 4

UNIVERSITY OF CENTRAL FLORIDA, LICENSE AMENDMENT, MAIL CONTROL NO. 635461
DATED June 23, 2023

DOCUMENT NAME: \\nrc.gov\nrc\R1\Office\DNMS\WBL Documents\WBL License Cover Letter\L09-35487-01.635461.docx

SUNSI Review Complete: SSeeley

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OFFICE	RI:DRSS	N					
NAME	SSeeley/SWS						
DATE	6/23/23						

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MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 70 and 71, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee 1. University of Central Florida		In accordance with letter dated March 29, 2023,	4. Expiration Date: June 30, 2033
2. Environmental Health and Safety P. O. Box 163500 Orlando, FL 32816-3500		3. License No.: 09-35487-01 is amended in its entirety to read as follows:	5. Docket No.: 030-39108 Reference No.:
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	9. Authorized use
A. Carbon-14	A. Sealed Sources (U.S. Radium Corporation, Model LAB 759)	A. 7.5 millicuries per source and 7.5 millicuries total	A. For use as calibration and/or reference standards.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 09-35487-01

Docket or Reference No.:

030-39108

Amendment No. 4

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at:
- A. Flamenco Farm, Carretera 251, Barrio Flamenco, Culebra, Puerto Rico, 00775
 - B. Arecibo Observatory, Route 625, Esperanza, Arecibo, Puerto Rico, 00612
11. A. Licensed material shall only be used by, or under the supervision of, Christian Cortes, Renee Michel, or Pedrina Terra Dos Santos.
- B. The Radiation Safety Officer (RSO) for this license is Renee Michel.
12. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State. In the absence of a registration certificate, sealed sources shall be tested for leakage and/or contamination at intervals not to exceed 6 months, or at such other intervals as specified.
- B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- C. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- D. The leak test shall be capable of detecting the presence of 185 becquerels (0.005 microcuries) of radioactive material on the test sample. If the test reveals the presence of 185 becquerels (0.005 microcuries) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 09-35487-01

Docket or Reference No.:
030-39108

Amendment No. 4

- E. Analysis of leak test samples and/or contamination shall be performed by persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is authorized to collect leak test samples but not perform the analysis.
- F. Records of leak test results shall be kept in units of becquerels (microcuries) and shall be maintained for 3 years.
13. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 3 years from the date of each inventory, and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
14. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 09-35487-01

Docket or Reference No.:
030-39108

Amendment No. 4

15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated April 13, 2018 (ML18114A388)
- B. Schematic of Sealed Source (ML18122A308)
- C. Operating and Emergency Procedures [ML23165A159]
- D. Facility Diagram [ML23165A210]



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: June 23, 2023

By: **Shawn W. Seeley** Digitally signed by Shawn W. Seeley
Date: 2023.06.23 10:26:54 -04'00'

Shawn Seeley
Region 1