



Universidad de Puerto Rico, Recinto de Ciencias Médicas
University of Puerto Rico, Medical Sciences Campus

Oficina del Rector
Chancellor's Office

Br. I

March 12, 2018

LICENSING ASSISTANT TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

AMENDMENTS TO LICENSE NUMBER 52-01946-07

03013584

Please amend the NRC license number 52-01946-07 of the University of Puerto Rico, Medical Sciences Campus as follows:

Amendment # 1:

Substitute the name of Dr. Noel J. Aymat-Santana, DMD, FAAPD, JD from our license for that of Dr. Segundo Rodríguez Quilichini, MD, FACS, FASCRS, Interim Chancellor for the Medical Sciences Campus, University of Puerto Rico and Institutional Official of the University of Puerto Rico, Medical Sciences Campus.

Amendment # 2:

Eliminate from Sections # 6, 7 and 8 (byproduct, source and/or special nuclear material, chemical and/or physical form and maximum amount that licensee may possess at any one time under this license) of this license the following Items (radioisotopes):

- A (3). Chromium 51 (200 millicuries)
- A (5). Rubidium 86 (100 millicuries)
- A (6). Selenium 75 (100 millicuries)
- D. Calcium 45 (500 millicuries)
- J. Strontium 90 (106.5 millicuries)
- K. Strontium 90 (15 microcuries)

Amendment # 3:

Eliminate from Section # 7 (chemical and/or physical form) of this license the following sealed source:

- L. Radium 226 (Sealed Source, Victoreen Model 540-B)

Dirección/Address:
PO Box 365067
San Juan, PR
00936-5067

Teléfono/Phone:
787-758-2525
Exts. 1708, 1709

Fax: 787-754-0474

UPR
Universidad de Puerto Rico

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602678

NMSS/RGN1 MATERIALS-C02



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University of Puerto Rico, Medical Sciences Campus

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Amendment # 4:

In section 8 Change the maximum amount that licensee may possess at any one time under this license for the following radioisotopes:

- A (1). Iodine 125, from 300 millicurie to 50 millicurie
- A (2). Phosphorous 32, from 500 millicurie to 100 millicurie
- A (4). Sulfur 35, from 500 millicurie to 200 millicurie
- B. Hydrogen 3, from 1,000 millicurie to 50 millicurie
- C. Carbón 14, from 500 millicurie to 50 millicurie

I am also including the communication of Delegation of Authority to the RSO of our Institution. Thank you very much for your attention to this matter. If you should require further information, do not hesitate to contact us at (787) 758-2525 extension 1708. You can also contact Dr. Annabell C. Segarra, Chair of the Radiation Safety Committee, extension 1965 or Mr. Jossian J. Pagán, RSO, extension 1687 or 1688.

Sincerely,

Segundo Rodríguez Quilichini, MD, FACS, FASCRS
Interim Chancellor
Medical Sciences Campus
University Puerto Rico

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NRC FORM 313

U.S. NUCLEAR REGULATORY COMMISSION

(10-2017)
10 CFR 30, 32,
33, 34, 35, 36,
37, 39, and 40APPLICATION FOR
MATERIALS LICENSE

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 06/30/2019

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Information Services Branch (T-2 F43), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to InfoCollections.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1656 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-rm/doc-collections/nureg/staff/sr1556/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

MATERIALS SAFETY LICENSING BRANCH
DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA,
GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE,
NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO,
RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN
ISLANDS, OR WEST VIRGINIA,

SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND
APPLICATIONS TO:

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
Lisle, IL 60532-4352

IF YOU ARE LOCATED IN:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,
LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH
DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS,
UTAH, WASHINGTON, OR WYOMING,

SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

☐ A. NEW LICENSE☒ B. AMENDMENT TO LICENSE NUMBER

52-01946-07

☐ C. RENEWAL OF LICENSE NUMBER

2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code)

Segundo Rodríguez Quilichini, MD, FACS, FASCRS
University of Puerto Rico, Medical Sciences Campus
P.O. Box 365067
San Juan, PR 00936-5067

3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED

1. UPR-MSD, Dr. Guillermo Arbona, PR Medical Ctr., RP
2. Nuc. Med., 4th Floor, Dr. Isaac Gnlz. Mtnz. Hosp., RP
3. Nuc. Med., 1st Floor, Dr. Federico Trilla Hosp., Carolina
4. Inst. Neuro., UPR-MSD, Blvd del Valle 201, San Juan, PR
5. Radiation Safety Office, 1st Floor, Cancer Comp. Ctr. RP

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Jossian J. Pagan Lisboa

BUSINESS TELEPHONE NUMBER

(787) 758-2525, ext. 1687, 1688

BUSINESS CELLULAR TELEPHONE NUMBER

BUSINESS E-MAIL ADDRESS

jossian.pagan@upr.edu

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount
which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (Fees required only for new applications, with few exceptions*)
(See 10 CFR 170 and Section 170.31)

*Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.

FEE
CATEGORY

7B & 7C

AMOUNT
ENCLOSED \$

PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: <https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html>.

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

Segundo Rodríguez Quilichini, MD, Interim Chancellor

SIGNATURE

DATE

3/13/19

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		

APPROVED BY:

DATE

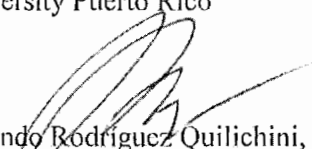


Universidad de Puerto Rico, Recinto de Ciencias Médicas
University of Puerto Rico, Medical Sciences Campus

February 27, 2018

Oficina del Rector
Chancellor's Office

Jossian Javier Pagán Lisboa, DrPH(c), MS, CNMT
Radiation Safety Officer
Medical Sciences Campus
University Puerto Rico


Segundo Rodríguez Quilichini, MD, FACS, FASCRS
Interim Chancellor
Medical Sciences Campus
University Puerto Rico

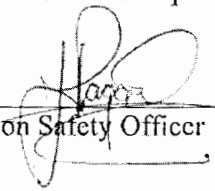
DELEGATION OF AUTHORITY

It is my pleasure to appoint you as the Radiation Safety Officer of the University of Puerto Rico, Medical Sciences Campus. You are responsible for ensuring the safe use of radioactive material and managing the Radiation Protection Program together with the Radiation Safety Committee (RSC). Your duties include: identifying radiation protection problems, initiating, recommending, and providing corrective actions, verifying implementation of corrective actions, stopping unsafe activities, and ensuring compliance with regulations.

You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations, when justified, to maintain radiation safety. You are required to notify management if staff does not cooperate and does not address radiation safety issues. The disciplinary authority shall reside within the Chancellor of the UPR, Medical Sciences Campus. In addition, you are free to raise issues with the U.S. Nuclear Regulatory Commission (NRC) at any time.

It is estimated that you will spend 25 hours per week conducting radiation protection activities. You will also have the resources and sufficient commitment from the management to fulfill the duties and responsibilities specified in 10 CFR35.24 to ensure that radioactive materials are used in a safe manner.

I accept the above responsibilities,


Radiation Safety Officer


Date

Cc: Arq. Alejandro Argüelles Rodríguez, Interim Dean of Administration
Annabell C. Segarra Marrero, PhD, Chair of RSC
Directors and Authorized Users of Radioactive Materials
Dr. Luis A. Rivera, Consultant of Interim Chancellor

Dirección/Address:
PO Box 365067
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Fax: 787-754-0474

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ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee

Jossian J. Pagan-Lisboa
Radiation Safety Officer
University of Puerto Rico Medical Sciences Campus
Chancellor's Office
P.O. Box 365067
San Juan, Puerto Rico 00936-5067

Date

March 23, 2018

License Number(s)

52-01946-07

Mail Control Number(s)

602678

Licensing and/or Technical Reviewer or Branch

Medical Branch

This is to acknowledge receipt of your: ☒ Letter and/or ☐ Application Dated: March 12, 2018

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:

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, (610) 337-5239