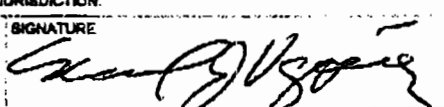


08-21-'12 10:52 FROM- Fundacion de Cancer

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T-366 P0004/0015 F-552

NRC FORM 313 (05-2012) 10 CFR 30, 32, 33, 34, 35, 38, 39, and 40 U.S. NUCLEAR REGULATORY COMMISSION APPLICATION FOR MATERIALS LICENSE		APPROVED BY OMB: NO. 3150-0120 EXPIRES: (05/31/2015) Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submitter 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-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NFOB-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 APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.					
APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH: OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS 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 II 2443 WARRENVILLE ROAD, SUITE 210 Lisle, IL 60532-4352 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) <input type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>52-11832-02</u>		2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code) Hospital Andrcs Grillasca P O Box 1324 Ponce, Puerto Rico 00733-1324			
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED Hospital Andres Grillasca Carretera #14 Terreas Centro Medico Avenida Tito Castro Ponce, Puerto Rico		4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Lcdo. Manuel Vazquez, Executive Director, MHSA BUSINESS TELEPHONE NUMBER (787) 848-0800 BUSINESS CELLULAR TELEPHONE NUMBER (787) 642-4745 BUSINESS EMAIL ADDRESS reclamacioneshag@yahoo.com			
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.			
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.		8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.			
9. FACILITIES AND EQUIPMENT.		10. RADIATION SAFETY PROGRAM.			
11. WASTE MANAGEMENT.		12. LICENSE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY <u>Medical</u> AMOUNT ENCLOSED <u>5</u> <u>Paid</u>			
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, 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 82 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 Manuel Vazquez, MHSA, Executive Director		SIGNATURE  DATE 8/7/12			
FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			5		
APPROVED BY				DATE	

577250

Hospital Andrés Grillasca

License 52-11832-02 Amendment (cont.)

5. Radioactive Materials:

Materials for Manual Brachytherapy under 10 CFR 35.400

Nuclides	Chemical/Physical Form	Maximum amount at any time Not to Exceed
----------	------------------------	---

Pd 103	Resin Beads/Titanium Sealed Sources	
--------	-------------------------------------	--

"Two Models"

Model Number Med 3633 NASI And	37MBq (1 Ci)
Model Number Best 2335	

1125	Resin Spheres/Titanium Sealed Sources	
------	---------------------------------------	--

"Two Models"

Model Number Med 3631 NASI And	37MBq (1 Ci)
Model Number Best 2301	

We do not want to renew the Nuclear Medicine License at this time

6. Purpose(s) for which licensed material(s) will be used:

The added licensed materials will be used for the permanent implantation of cancerous tumors including prostate cancer.

7. Individuals Responsible For Radiation Safety And Their Training and Experiences:

7.1 Radiation Safety Officer

Mr. Pedro Montes is Radiation Safety Officer under this license.
Mr. Montes is Board Certified and authorized as
RSO under NRC License # 52-13598-04. See Attachments 7.1

Hospital Andres Grillasca

License 52-11832-02 Amendment (cont.)

7.2 Authorized Medical Users (cont.)

Dr. Edwin Rodriguez, M.D. is authorized user under this license for the radioactive materials under 10 CFR 35.400. Dr. Rodriguez is an Authorized User under NRC License #52-13598-04. See Attachment 7.2.

8. Training For Individuals Working in or Frequenting Restricted Areas

See Items 7.1 and 7.2 and Attachments 7.1, 7.1a and 7.2.

9. Facilities And Equipment

No change in terms of the Nuclear Medicine Department Facilities and Equipments.

All radioactive materials will be stored in the "HOT LAB" including the new materials received for permanent brachytherapy implants under 10 CFR 35.400 listed in ITEM #5.

"We reserve the right to upgrade or replace our survey instruments as necessary as long as they are adequate to measure the type and levels of radiation for which they are intended."

"Survey instruments are properly calibrated by a person or company qualified to perform survey meter calibrations."

Hospital Andres Grillasca

License 52-11832-02 Amendment (cont.)

10. Radiation Safety Program

10.1 Occupational Dose

We will evaluate prospectively that unmonitored individuals are not likely to receive annual exposure to radiation in excess of 10% of the limits in 10 CFR 20. We will provide personal dosimetry for radiation exposure meeting the criteria of NUREG 1556, Vol. 9 "Consolidated Guidance About Material Licenses: Program Specific Guidance About Medical Use License" October, 2002.

10.2 Area Surveys

New procedures for area surveys, patient survey, operating room survey, etc. were developed for the materials under 10 CFR 35.400. All surveys will be conducted in accordance with 10 CFR 20.1101 meeting the requirements of 10 CFR 20.1501.

10.3 Spill Procedures

No Change

11. Waste Management

No changes for 10 CFR 35.100, 10 CFR 35.200 and 10 CFR 35.300
For materials added under this amendment corresponding to 10 CFR 35.400 a returning procedure of unused sources of Pd-103 or I-125 to the supplier was developed avoiding in this way the storage of them for decay.

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Attachments 7

7.1 Board Certification

Pedro J. Montes García, M.S.

7.2 Copy of NRC License #52-13598-04

Edwin Rodríguez, MD
Preceptors Attestation

The American Board of Radiology

Organized through the cooperation of the
American College of Radiology, the American Roentgen Ray Society,
the American Radium Society, the Radiological Society of North America,
the Section on Radiology of the American Medical Association,
the American Society for Therapeutic Radiology and Oncology, the Association of
University Radiologists, and American Association of Physicians in Medicine

Hereby certifies that

Pedro José Montes-García, M.S.

Has pursued an accepted course of graduate study
and clinical work, has met certain standards and qualifications and
has passed the examinations conducted under the authority of
The American Board of Radiology.

On this eleventh day of June, 1997

Thereby demonstrating to the satisfaction of the Board
that he is qualified to practice the specialty of

Therapeutic Radiologic Physics



James S. Anderson, MD, President
Robert R. Haines, MD, Secretary-Treasurer
M. J. Volz, MD, Secretary

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NRC FORM 313M SUPPLEMENT A
(9-81)

U.S. NUCLEAR REGULATORY COMMISSION

**TRAINING AND EXPERIENCE
AUTHORIZED USER OR RADIATION SAFETY OFFICER**

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER

Pedro J. Montes, M.S. (Curriculum Vitae Attached)

2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE

N/A

3. CERTIFICATION

SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C
American Board of Radiology	Therapeutic Radiological Physics	June 1997

4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

FIELD OF TRAINING A	LOCATION AND DATE(S) OF TRAINING B	TYPE AND LENGTH OF TRAINING	
		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D
a. RADIATION PHYSICS AND INSTRUMENTATION	(1) Brookhaven National Lab. Safety and Env. Protection Div. Aug. 1982	320	150
	(2) Univ. of Tx. M.D. Anderson Hosp. Feb. 1982	210	100
b. RADIATION PROTECTION	(1) " "	100	40
	(2) " "	15	5
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	(1) " "	40	30
	(3) Univ. of Texas Health Science Center May 1984	36	0
d. RADIATION BIOLOGY	(1) " "	50	30
	(3) " "	10	0
e. RADIOPHARMACEUTICAL CHEMISTRY	(1) " "	48	24

E. EXPERIENCE WITH RADIATION, (Actual use of Radioisotopes or Equivalent Experience)

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Co-60	4000 ci	Metropolitan Hospital	2½ Years	Therapy
Cs-137	1 ci	Metropolitan Hospital	2½ Years	Therapy
Cs-137	1 ci	P.R. Nuclear Center	10 Months	Therapy
Cs-137	500 ci	Brookhaven National Laboratory	1 Month	Calibration
Co-60	500 ci			

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610 637 6269 P.006

NRC FORM 374

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U.S. NUCLEAR REGULATORY COMMISSION

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, 39, 40, and 70, 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. Hospital Ramón E. Betances Mayaguez Medical Center	3. License number 62-13598-04
2. 410 Road #2 Mayaguez, Puerto Rico 00680-1522	4. Expiration date August 31, 2018
	5. Docket No. 03037760 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
A. Palladium-103 permitted by 10 CFR 35.400	A. Sealed Sources (North American Scientific Model MED3633; Best Medical Model 2300 Series)	A. 1 curie
B. Any Byproduct material permitted by 10 CFR 35.65	B. Sealed Sources (Manufacturers and Models unknown)	B. 100 millicuries
C. Strontium 90	C. Sealed Source (Atomergic Chemicals Corp. Model Unknown)	C. 120 millicuries
D. Cesium 137	D. Sealed Sources (Manufacturers and Models unknown)	D. 1 curie
E. Cesium 137	E. Sealed Source (J.L. Shepard and Associates Model 6810)	E. 100 millicuries
F. Depleted Uranium	F. Metal	F. 500 kilograms

9. Authorized use:
- A. Any manual brachytherapy procedure permitted by 10 CFR 35.400, for which the patient can be released under the provisions of 10 CFR 35.75.
 - B. through E. Several Nuclear Medicine calibration sources, a Strontium 90 eye applicator source, Several Cesium 137 manual brachytherapy sources, and a Cesium 137 instrument calibration source for storage only incident to disposal.
 - F. Shielding in a Varian Clinac 6/100 (Serial #422) linear accelerator; collimators removed from a Varian Clinac 6/100 (Serial #214) linear accelerator in storage.

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NRC FORM 374A

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
52-13598-04

Docket or Reference Number
03037760

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 410 Road #2, Mayaguez, Puerto Rico.
- 11. The Radiation Safety Officer for this license is Pedro J. Montes Garcia.
- 12. Licensed material is only authorized for use by, or under the supervision of:

- A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for medical use as indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Edwin Rodriguez, M.D.	35.400;

- C. The following individuals are authorized users for non-medical uses as indicated:

<u>Users</u>	<u>Material and Use</u>
Edwin Rodriguez, M.D.	Strontium 90, Cesium 137, and 10 CFR 35.65 sealed sources in storage

- 13. By November 30, 2008, the licensee shall submit the following information:
 - A. ~~The manufacturer and model number for all sealed sources under the possession of Hospital Ramon E. Betances in March 2007. This shall include all sealed sources used/stored in the Nuclear Medicine Department and the Radiation Oncology Department.~~
 - B. Transfer documentation for all sealed sources transferred to authorized recipients since March 2007.
 - C. Disposal options for all sealed sources and the removed collimator.
 - D. Details on shielding and security for all sealed sources in storage.
 - E. Safe handling procedures for the removed depleted uranium collimators, which shall include use of gloves, survey meters, and periodic wipes.
- 14. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.

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T-366 P0013/0015 F-552

NEW YORK MEDICAL COLLEGE

RESIDENT TRAINING AND EXPERIENCE WITH RADIOACTIVE MATERIALS

Section I

SUPPLEMENT

U.S. NUCLEAR REGULATORY COMMISSION

**TRAINING AND EXPERIENCE
AUTHORIZED USER OR RADIATION SAFETY OFFICER**

1. NAME OF PROPOSED AUTHORIZED USER OR RADIATION SAFETY OFFICER EDWIN RODRIGUEZ, M.D.	2. FOR PHYSICIANS, STATE OR TERRITORY WHERE LICENSED. NEW YORK
--	---

SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR EXPIRES C

4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

FIELD OF TRAINING A	LOCATION AND DATES OF TRAINING B	TYPE AND LENGTH OF TRAINING	
		CLOCK HOURS IN LECTURE OR LABORATORY	CLOCK HOURS OF SUPERVISED ON-THE-JOB EXPERIENCE
a. RADIATION PHYSICS AND INSTRUMENTATION	WESTCHESTER COUNTY MEDICAL CENTER VALHALLA, NY 10595 DEPARTMENT OF RADIATION MEDICINE JULY 1992 - JUNE 1995	100	20
b. RADIATION PROTECTION	WESTCHESTER COUNTY MEDICAL CENTER VALHALLA, NY 10595 DEPARTMENT OF RADIATION MEDICINE JULY 1992 - JUNE 1995	14	24
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	WESTCHESTER COUNTY MEDICAL CENTER VALHALLA, NY 10595 DEPARTMENT OF RADIATION MEDICINE JULY 1992 - JUNE 1995	12	10
d. RADIATION BIOLOGY	WESTCHESTER COUNTY MEDICAL CENTER VALHALLA, NY 10595 DEPARTMENT OF RADIATION MEDICINE JULY 1992 - JUNE 1995	90	170
e. RADIOPHARMACEUTICAL CHEMISTRY	WESTCHESTER COUNTY MEDICAL CENTER VALHALLA, NY 10595 DEPARTMENT OF RADIATION MEDICINE JULY 1992 - JUNE 1995	6	8

5. EXPERIENCE WITH RADIATION. (Accumulated or Equivalent Experience)

STRENGTH	MSI USED AT ONE TIME	LOCATION	CLOCK HOURS	TYPE OF USE
32	10 mCi	WESTCHESTER COUNTY MEDICAL CENTER	4	DIAGNOSTIC / RESEARCH
63	100 mCi	WESTCHESTER COUNTY MEDICAL CENTER	75	DIAGNOSTIC / RESEARCH
115	100 mCi	WESTCHESTER COUNTY MEDICAL CENTER	35	DIAGNOSTIC / ALL TYPES
114	60 mCi	WESTCHESTER COUNTY MEDICAL CENTER	100	DIAGNOSTIC / CLINICAL
128	10 Ci HDR	WESTCHESTER COUNTY MEDICAL CENTER	130	DIAGNOSTIC / ALL TYPES
102	24 mCi	WESTCHESTER COUNTY MEDICAL CENTER	20	DIAGNOSTIC / ALL TYPES
60	1000 Ci	WESTCHESTER COUNTY MEDICAL CENTER	165	DIAGNOSTIC / RESEARCH
89	4 mCi	WESTCHESTER COUNTY MEDICAL CENTER	2	DIAGNOSTIC / CLINICAL
90	70 mCi	WESTCHESTER COUNTY MEDICAL CENTER	12	SURFACE / EYE