



**HOSPITAL  
METROPOLITANO.**

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52-16033-01

January 23, 2015

Regional Administrator, Region II  
U.S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

**Re: Additional Information for Hospital Metropolitano  
License #52-16033-01**

Dear Sir or Madam:

As requested, Iván Vélez-Miro, MD training and experience has been attached for your review.

If your need any further information, please contact David Rhoe 787-245-7248.

Sincerely,

Domingo Nevárez Ramírez, MHSA  
Executive Director

DNR/mirl

Enclosure

584878

NMSS/RGN1 MATERIALS-002



UNIVERSITY OF PUERTO RICO, UNIVERSIDAD DE PUERTO RICO  
MEDICAL SCIENCES CAMPUS, RECINTO DE CIENCIAS MÉDICAS  
SCHOOL OF MEDICINE, ESCUELA DE MEDICINA

RADIOLOGICAL SCIENCES DEPARTMENT  
DEPARTAMENTO DE CIENCIAS RADIOLÓGICAS



August 10, 2007

Dear Sirs:

I hereby certify That Dr. Ivan Velez-Miró [REDACTED] successfully completed, on June 30, 2007, 24 months residency training program in Nuclear Medicine at the University of Puerto Rico Medical Sciences Campus. This program has been approved by the Accreditation Council for graduate Medical Education.

The program complies with the current federal regulations in the 10 CFR Part 35 of the Nuclear Regulatory Commission. Specifically it included but was not limited, the Subpart D (35.290), Subpart E (35.290, 35.392, 35.394), Subpart J (35.910 b and c and 35.930, 35.932, 35.934).

Cordially yours,

Frieda Silva, MD  
Director  
Nuclear Medicine Training Program  
University of Puerto Rico

PERSONAL INFORMATION WAS REMOVED  
BY NRC. NO COPY OF THIS INFORMATION  
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**AUTHORIZED USER TRAINING AND EXPERIENCE  
AND PRECEPTOR ATTESTATION**  
(for uses defined under 35.300)  
[10 CFR 35.390, 35.392, 35.394, and 35.396]

APPROVED BY OMB: NO. 3150-0120  
EXPIRES: 3/31/2012

Name of Proposed Authorized User

Dr Ivan Velez-Miro

State or Territory Where Licensed

Puerto Rico

Requested Authorization(s) (check all that apply):

- 35.300 Use of unsealed byproduct material for which a written directive is required

OR

- 35.300 Oral administration of sodium iodide I-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (33 millicuries)
- 35.300 Oral administration of sodium iodide I-131 requiring a written directive in quantities greater than 1.22 gigabecquerels (33 millicuries)
- 35.300 Parenteral administration of any beta-emitter, or photon-emitting radionuclide with a photon energy less than 150 keV for which a written directive is required
- 35.300 Parenteral administration of any other radionuclide for which a written directive is required

**PART I – TRAINING AND EXPERIENCE**  
(Select one of the three methods below)

\* Training and Experience, including board certification, must have been obtained within the 7 years preceding the date of application or the individual must have related continuing education and experience since the required training and experience was completed. Provide dates, duration, and description of continuing education and experience related to the uses checked above.

**1. Board Certification**

- Provide a copy of the board certification.
- For 35.390, provide documentation on supervised clinical case experience. The table in section 3.c. may be used to document this experience.
- For 35.396, provide documentation on classroom and laboratory training, supervised work experience, and supervised clinical case experience. The tables in sections 3.a., 3.b., and 3.c. may be used to document this experience.
- Skip to and complete Part II Preceptor Attestation.

**2. Current 35.300, 35.400, or 35.600 Authorized User Seeking Additional Authorization**

a. Authorized User on Materials License

..... under the requirements below or  
equivalent Agreement State requirements (check all that apply):

35.390     35.392     35.394     35.490     35.690

- If currently authorized for a subset of clinical uses under 35.300, provide documentation on additional required supervised case experience. The table in section 3.c. may be used to document this experience. Also provide completed Part II Preceptor Attestation.
- If currently authorized under 35.490 or 35.690 and requesting authorization for 35.396, provide documentation on classroom and laboratory training, supervised work experience, and supervised clinical case experience. The tables in sections 3.a., 3.b., and 3.c. may be used to document this experience. Also provide completed Part II Preceptor Attestation.

**AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**3. Training and Experience for Proposed Authorized User**

a. Classroom and Laboratory Training    ✓ 35.390    ✓ 35.392    ✓ 35.394    35.396

Description of Training	Location of Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency	136	July 1, 2005 to June 30, 2007
Radiation protection	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency	22	July 1, 2005 to June 30, 2007
Mathematics pertaining to the use and measurement of radioactivity	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency	22	July 1, 2005 to June 30, 2007
Chemistry of byproduct material for medical use	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency	52	July 1, 2005 to June 30, 2007
Radiation biology	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency	44	July 1, 2005 to June 30, 2007
<b>Total Hours of Training:</b>		<b>276</b>	

b. Supervised Work Experience    35.390    ✓ 35.392    ✓ 35.394    35.396

*If more than one supervising individual is necessary to document supervised training, provide multiple copies of this page.*

**Supervised Work Experience**

**Total Hours of Experience:** 2,880

Description of Experience Must Include:	Location of Experience/License or Permit Number of Facility	Confirm	Dates of Experience*
Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency Lic 52-01946-07	✓ Yes No	July 1, 2005 to June 30, 2007
Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency Lic 52-01946-07	✓ Yes No	July 1, 2005 to June 30, 2007
Calculating, measuring, and safely preparing patient or human research subject dosages	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency Lic 52-01946-07	✓ Yes No	July 1, 2005 to June 30, 2007
Using administrative controls to prevent a medical event involving the use of unsealed byproduct material	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency Lic 52-01946-07	✓ Yes No	July 1, 2005 to June 30, 2007
Using procedures to contain spilled byproduct material safely and using proper decontamination procedures	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency Lic 52-01946-07	✓ Yes No	July 1, 2005 to June 30, 2007

**AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**3. Training and Experience for Proposed Authorized User (continued)**

**b. Supervised Work Experience (continued)**

Supervising Individual

License/Permit Number listing supervising individual as an authorized user

**Dra Frieda Silva**

52-01946-07

Supervising individual meets the requirements below, or equivalent Agreement State requirements (check all that apply)\*\*:

- 35.390 With experience administering dosages of:
- 35.392  Oral NaI-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (33 millicuries)
- 35.394  Oral NaI-131 in quantities greater than 1.22 gigabecquerels (33 millicuries)
- 35.396  Parenteral administration of beta-emitter, or photon-emitting radionuclide with a photon energy less than 150 keV requiring a written directive is required
- Parenteral administration of any other radionuclide requiring a written directive

\*\* Supervising Authorized User must have experience in administering dosages in the same dosage category or categories as the individual requesting authorized user status.

**c. Supervised Clinical Case Experience**

*If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this page.*

Description of Experience	Number of Cases Involving Personal Participation	Location of Experience/License or Permit Number of Facility	Dates of Experience*
Oral administration of sodium iodide I-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (33 millicuries)	5	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency Lic 52-01946-07	July 1, 2005 to June 30, 2007
Oral administration of sodium iodide I-131 requiring a written directive in quantities greater than 1.22 gigabecquerels (33 millicuries)	11	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency Lic 52-01946-07	July 1, 2005 to June 30, 2007
Parenteral administration of any beta-emitter, or photon-emitting radionuclide with a photon energy less than 150 keV for which a written directive is required	1	University of Puerto Rico, Medical Sciences Campus, Nuclear Medicine Residency Lic 52-01946-07	July 1, 2005 to June 30, 2007
Parenteral administration of any other radionuclide for which a written directive is required			

(List radionuclides)

**AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**3. Training and Experience for Proposed Authorized User (continued)**

**c. Supervised Clinical Case Experience (continued)**

Supervising Individual

License/Permit Number listing supervising individual as an authorized user  
Lic 52-01946-07

Dr. Freda Silva

Supervising individual meets the requirements below, or equivalent Agreement State requirements (check all that apply)\*\*

- 35.390 With experience administering dosages of:
- 35.392  Oral NaI-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (33 millicuries)
- 35.394  Oral NaI-131 in quantities greater than 1.22 gigabecquerels (33 millicuries)
- 35.396  Parenteral administration of beta-emitter, or photon-emitting radionuclide with a photon energy less than 150 keV requiring a written directive is required
- Parenteral administration of any other radionuclide requiring a written directive

\*\* Supervising Authorized User must have experience in administering dosages in the same dosage category or categories as the individual requesting authorized user status.

d. Provide completed Part II Preceptor Attestation.

**PART II – PRECEPTOR ATTESTATION**

Note: This part must be completed by the individual's preceptor. The preceptor does not have to be the supervising individual as long as the preceptor provides, directs, or verifies training and experience required. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each.

By checking the boxes below, the preceptor is attesting that the individual has knowledge to fulfill the duties of the position sought and not attesting to the individual's "general clinical competency."

**First Section**

Check one of the following for each requested authorization:

**For 35.390:**

**Board Certification**

I attest that **Dr Ivan Velez-Miro** has satisfactorily completed the training and experience requirements in 35.390(a)(1).  
Name of Proposed Authorized User

**OR**

**Training and Experience**

I attest that **\_\_\_\_\_** has satisfactorily completed the 700 hours of training and experience, including a minimum of 200 hours of classroom and laboratory training, as required by 10 CFR 35.390 (b)(1).  
Name of Proposed Authorized User

**AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**Preceptor Attestation (continued)**

**First Section (continued)**

**For 35.392 (Identical Attestation Statement Regardless of Training and Experience Pathway):**

I attest that Dr Ivan Velez-Miro has satisfactorily completed the 80 hours of classroom  
Name of Proposed Authorized User  
and laboratory training, as required by 10 CFR 35.392(c)(1), and the supervised work and clinical case  
experience required in 35.392(c)(2).

**For 35.394 (Identical Attestation Statement Regardless of Training and Experience Pathway):**

I attest that Dr Ivan Velez-Miro has satisfactorily completed the 80 hours of classroom  
Name of Proposed Authorized User  
and laboratory training, as required by 10 CFR 35.394 (c)(1), and the supervised work and clinical case  
experience required in 35.394(c)(2).

**Second Section**

I attest that Dr Ivan Velez-Miro has satisfactorily completed the required clinical case  
Name of Proposed Authorized User

experience required in 35.390(b)(1)(ii)G listed below:

- Oral NaI-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (33 millicuries)
- Oral NaI-131 in quantities greater than 1.22 gigabecquerels (33 millicuries)
- Parenteral administration of beta-emitter, or photon-emitting radionuclide with a photon energy less than 150 keV requiring a written directive is required
- Parenteral administration of any other radionuclide requiring a written directive

**Third Section**

I attest that Dr Ivan Velez-Miro has satisfactorily achieved a level of competency to  
Name of Proposed Authorized User

function independently as an authorized user for:

- Oral NaI-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (33 millicuries)
- Oral NaI-131 in quantities greater than 1.22 gigabecquerels (33 millicuries)
- Parenteral administration of beta-emitter, or photon-emitting radionuclide with a photon energy less than 150 keV requiring a written directive is required
- Parenteral administration of any other radionuclide requiring a written directive

**AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**Fourth Section**

**For 35.396:**

**Current 35.490 or 35.690 authorized user:**

I attest that

Name of Proposed Authorized User

is an authorized user under 10 CFR 35 490 or 35 690

or equivalent Agreement State requirements, has satisfactorily completed the 80 hours of classroom and laboratory training, as required by 10 CFR 35.396 (d)(1), and the supervised work and clinical case experience required by 35.396(d)(2), and has achieved a level of competency sufficient to function independently as an authorized user for:

Parenteral administration of any beta-emitter, or photon-emitting radionuclide with a photon energy less than 150 keV for which a written directive is required

Parenteral administration of any other radionuclide for which a written directive is required

**OR**

**Board Certification:**

I attest that

Dr Ivan Velez-Miro

has satisfactorily completed the board certification

Name of Proposed Authorized User

requirements of 35.396(c), has satisfactorily completed the 80 hours of classroom and laboratory training required by 10 CFR 35.396 (d)(1) and the supervised work and clinical case experience required by 35.396(d)(2), and has achieved a level of competency sufficient to function independently as an authorized user for:

Parenteral administration of any beta-emitter, or photon-emitting radionuclide with a photon energy less than 150 keV for which a written directive is required

Parenteral administration of any other radionuclide for which a written directive is required

**Fifth Section**

**Complete the following for preceptor attestation and signature:**

I meet the requirements below, or equivalent Agreement State requirements, as an authorized user for:

35.390

35.392

35.394

35.396

I have experience administering dosages in the following categories for which the proposed Authorized User is requesting authorization.

Oral NaI-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (33 millicuries)

Oral NaI-131 in quantities greater than 1.22 gigabecquerels (33 millicuries)

Parenteral administration of beta-emitter, or photon-emitting radionuclide with a photon energy less than 150 keV requiring a written directive is required

Parenteral administration of any other radionuclide requiring a written directive

Name of Preceptor

Dra Frieda Silva

Signature



Telephone Number

(787) 625-9958

Date

01/15/2015

License/Permit Number/Facility Name

52-01946-07