

February 12, 2022

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

License # 52-25574-01
Docket # 030-35809

Dear Mr. Seeley:

Please find enclosed the additional information that you requested our NRC License renewal.

1. Item 1 states that the license will be under Heart Partners. This differs from the name license, Laboratorio Vascular Y Cardiovascular.

This is to confirm that this is a name change only and there has NOT been a change of ownership since the last amendment to our license.

2. Your application requests the use of Iodine-131 permitted by 35.300 for outpatient use only.

This is to confirm the total amount we wish to have on the license is 400 mCi.

3. Your application did not address your training for individuals working in or frequenting restricted areas. Please provide a statement.

“We have developed and will implement and maintain written procedures for a program for training required under 10 CFR 19.12 for each group of workers, including (i) topics covered, (ii) qualifications of the instructors, (iii) method of training, (iv) method for assessing the success of the training, (v) initial training, and (vi) annual refresher training.”

4. Your application did not adequately address the calibration of your survey instruments. Please provide a statement who will be calibrating your instrument.

“Radiation monitoring instruments will be calibrated by a vendor who is licensed by the NRC or an Agreement State to perform instrument calibrations. NUREG-1556, vol. 9, rev 3.

5. Please provide the survey capabilities of your Ludlum 14C.

The Ludlum 14C will either use the 44-7 (end window GM tube)

Indicated Use	Alpha, beta, gamma survey; Sample counting
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Detector Type	End window, halogen-quenched G-M
Window	2.0 ± 0.3 mg/cm ² mica
Window Area	Active: 6 cm ² (0.93 in ²) Open: 5 cm ² (0.78 in ²)
Efficiency (4π)	¹⁴ C: 2% ⁹⁰ Sr/ ⁹⁰ Y: 10% ⁹⁹ Tc: 7% ²³⁹ Pu: 7% ¹²⁵ I: 0.1%
Typical Sensitivity (¹³⁷ Cs gamma)	2100 cpm per mR/hr

or the 44-9 (pan window tube)

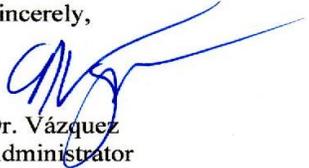
Indicated Use	Alpha, beta, gamma survey; Sample counting
Detector Type	Pancake-type, halogen quenched G-M
Window	1.7 ± 0.3 mg/cm ² mica, protected by a stainless steel screen (79% open)
Window Area	Active: 15.5 cm ² (2.4 in ²) Open: 12.3 cm ² (1.9 in ²)
Efficiency (4π)	¹⁴ C: 5% ⁹⁰ Sr/ ⁹⁰ Y: 22% ⁹⁹ Tc: 19% ³² P: 32% ²³⁹ Pu: 15% ^{99m} Tc: ≤ 1% ¹²⁵ I: 0.2%
Typical Sensitivity (¹³⁷ Cs gamma)	3300 cpm per mR/hr

- Please confirm that you will NOT be using a dose calibrator but instead performing hand calculations of all doses before administration.

This is to confirm that we will NOT be using a dose calibrator but instead performing hand calculations of all doses before administration.

If you need any further information, please contact Carmen Iris Gonzalez at (787) 852-5152 or (787) 285-4586. Please Fax a copy of the NRC license to Mr. Rhoe at 787-292-7976.

Sincerely,

A handwritten signature in blue ink, appearing to be 'Dr. Vázquez', with a long horizontal stroke extending to the right.

Dr. Vázquez
Administrator