

NEW ENGLAND CARDIOLOGY ASSOCIATES, PC

257 East Center Street, Manchester CT 06040, Tel. 860-643-5101

To: USNRC Region I
2100 Renaissance Blvd, Suite 100
King of Prussia, PA 19406-2713

Sept 24, 2021

Re: License Termination request for Materials License 06-30548-01
Docket No. 030-35289

Dear Sir or Madam:

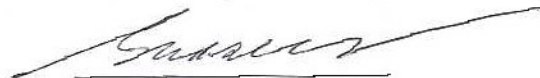
We have entered into an agreement with Digirad Corp, for the provision of a mobile imaging service to our private practice office. This became a necessity due to our inability to secure a replacement technologist for our onsite licensed operations.

We employed Tc-99m and the necessary dose calibrator reference sources. The departing technologist was here until August 31. We engaged Digirad to provide services and they currently do so under our license. We want to discontinue that practice and have Digirad include this office as one of their sites of use under the license they possess. The sealed sources for dose calibrator QC will be transferred to Digirad, or if necessary, sent out from the office to a licensed disposal provider such as: Eckert & Zeigler, or, Intl Isotopes Inc.

Our consulting physicist performed area surveys and wipes of this practice, following his Sept. 10th and 17th site visit. That data is on the next page.

Should you have any questions or desire additional information regarding our private, nuclear cardiology imaging office, please contact me, or, Mrs. Caron Maker at 860-643-5102.

Respectfully submitted,



Saqib Naseer, MD
President

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The recent surveys for ambient radiation (mR/hr) levels and removable contamination (dpm) from areas of the nuclear cardiology imaging service, as performed by Peter J. Mas, MS:

<u>Location</u>	AREA SURVEYS & WIPE TESTS	
	<u>mR/hr</u>	<u>dpm, within</u>
Hot Lab		
Uptake probe & well cntr	≤ 0.03	515 dpm
Dose calibrator	≤ 0.03	515 dpm
L-block & syringe shields	≤ 0.03	545 dpm
Radpharm prep area	≤ 0.03	539 dpm
Radpharm storage area & Radwastes bin	≤ 0.03	539 dpm
Unit dose storage	≤ 0.03	539 dpm
Gamma Camera		
patient table	≤ 0.03	562 dpm
gamma camera	≤ 0.03	552 dpm
acquisition station	≤ 0.03	561 dpm
work station, room sink	≤ 0.03	571 dpm
Injection area 1	≤ 0.03	560 dpm
Injection area 2	≤ 0.03	536 dpm
& chairs, surfaces	≤ 0.03	536 dpm
Stress room; patient table	≤ 0.03	560 dpm
Treadmill	≤ 0.03	535 dpm
Floor spaces, various	≤ 0.03	531 to 562 dpm

The survey instruments used were:

Ludlum Model 14C GM Survey Meter with Energy Compensated probe; Background radiation levels were: 0.02 - 0.03 mR/hr (ambient survey)

Ludlum NaI crystal with well (set to 75 keV and higher); Background for contamination wipes ranged: 549 ± 47 dpm