

October 27, 2021

U. S. Nuclear Regulatory Commission  
Region I, Division of Nuclear Materials Safety  
2100 Renaissance Blvd  
King of Prussia, PA 19406-2713  
(610) 337-5076 voice  
(610) 337-5269 fax

RE: U.S. Nuclear Regulatory Commission Radioactive Materials License No. 06-03413-01

Dear Sir/Madam;

Manchester Memorial Hospital would like to request the removal of Iodine-125 from our approved source list under section 6D. Please refer to the attached document for further details and confirmation of the disposal of the I-125 seeds.

If you require any additional information, I can be reached by email at [broch@biomedphysics.com](mailto:broch@biomedphysics.com)

Respectfully,



William Roch  
Radiation Safety Officer  
Prospect Manchester Hospital

# **NRRON/Hartford Hospital Medical Physics**

## **Notice of $^{125}\text{I}$ Seed Disposal from Inventory**

Date April 29, 2021

On April 29, 2021, 125 seeds (65 seeds are Model 6711, the other 60 seeds are Model AgX100) which had been held for at least 10 half lives were removed from lead storage containers dated 2016-2018. The exposure rate produced by each individual source was measured with all shielding removed using a Fluke 451P-RYR survey meter (S/N 3599) at approximately 2 cm distance. All seeds indicated no measurable reading above background ( $<0.02$  mR/hr), and were disposed as regular waste.



Guo-Xin Qian, PhD, DABR

Certified Medical Physicist

Monica Rossi, MS, DABR

Certified Medical Physicist

