

May 24, 2018

Materials Licensing Branch
U.S. NRC Region III
2443 Warrenville Rd.
Suite 210
Lisle, IL 60532-4352

Re: U.S. NRC Radioactive Materials License number 24-32517-01

Dear NRC Representative:

We would like to amend the above license to remove the location at **1000 East 101st Terrace, Kansas City, Missouri** from our license.

All licensed activity at this site has ceased effective April 30, 2018. All radioactive waste that was being decayed in storage has been removed following verification that waste measured background with survey meters. All check sources have been removed from the location and returned to the manufacturer using FedEx. Last dates of use for the radiopharmaceuticals at this site are summarized below:

Isotope	Radiopharmaceutical	Date of Last Use	mCi	Exposure Rate Constant (R/mCi-hr at 1 cm)	T 1/2 (days)	Decay Days
Ra-223	Xofigo	10/31/2017	0.12	0.0325193	11.4	165
In-111	Octreotide	11/17/2017	5.4	0.050172	2.81	135
Y-90	Zevalin	1/18/2018	32	32	2.67	73
Notes:						
Zevalin total dose is based on 32 R/hr-mCi at the mouth of an open Y-90 vial, assumed to be 1cm.						

Due to the short half-lives, low activity used, and the dates of last use if an entire dose of each radiopharmaceutical were spilled on the date of last use no member of the public would be likely to receive more than 25 mrem in one year. A final radiation survey was conducted of the facility which confirmed all radioactive material had been removed and that any remaining residual activity is within limits specified by 10 CFR 20.1402.

We plan to continue radioactive materials licensed activities at the following locations:

4881 N.E. Goodview Circle, Lee's Summit, Missouri

8700 N. Green Hills Road, Kansas City, Missouri

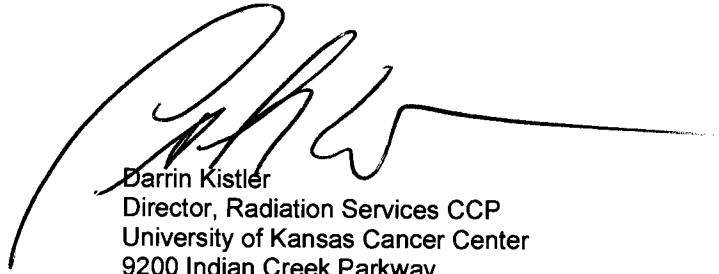
Thank you for your assistance in this matter. Please feel free to contact Steve Howard if you have any questions regarding this.

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Sincerely,



Stephen Howard, M.S.
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 THE UNIVERSITY OF KANSAS HEALTH SYSTEM

12200 W. 110th St. | Overland Park, KS 66210

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