



*Essential Isotopes*  
*1513 Research Park Dr*  
*Columbia, MO 65211*

Kevin Null  
Nuclear Regulatory Commission  
Region III Office  
2443 Warrensville Rd, Suite 210  
Lisle, IL 60532-4352

August 11, 2011

Kevin,

Per our phone conversation on 8/11/2011 please remove Lutetium-177 and Lead-203 from the license application 318475 and 318478. Neither of these nuclides will be produced or possessed by Essential Isotopes.

Sincerely,

Marc D. Weichelt RPh, BCNP  
Essential Isotopes, LLC.  
1513 Research Park Dr.  
Columbia, MO 65211  
573-882-0245



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Columbia, MO 65211

RAM (items 5 & 6 from appendix C)

Radionuclide	Chemical/Physical Form	Maximum Possession Limit	Proposed Use
Carbon - 11	Any	2 Curies	Production and possession of a radiochemical for transfer or distribution to authorized licensees.
Nitrogen-13	Any	2 Curies	Production and possession of a radiochemical for transfer or distribution to authorized licensees.
Oxygen-15	Any	1 Curie	Production and possession of a radiochemical for transfer or distribution to authorized licensees.
Fluorine-18	Any	20 Curies	Production and possession of a radiochemical for transfer or distribution to authorized licensees.
Copper-64	Any	1 Curie	Production and possession of a radiochemical for transfer or distribution to authorized licensees.
Gallium-68	Any	200 millicuries	Production and possession of a radiochemical for transfer or distribution to authorized licensees.
Indium-111	Any	100 millicuries	Production and possession of a radiochemical for transfer or distribution to authorized licensees.
<del>Lutetium-177</del>	<del>Any</del>	<del>1 Curie</del>	<del>Possession of a radiochemical for transfer or distribution to authorized licensees.</del>
<del>Lead - 203</del>	<del>Any</del>	<del>100 millicuries</del>	<del>Possession of a radiochemical for transfer or distribution to authorized licensees.</del>

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