



*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,

A handwritten signature in black ink that reads 'M. D. Weichelt'. The signature is written in a cursive style with a large 'M' and 'W'.

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



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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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