

Cardinal Health  
Nuclear Pharmacy Services  
Quality & Regulatory  
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tel 614.757.4120  
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[www.cardinalhealth.com/nps](http://www.cardinalhealth.com/nps)



November 22, 2016

U.S. Nuclear Regulatory Commission  
Region III – Division of Nuclear Materials Safety  
2443 Warrenville Rd, Suite 210  
Lisle, IL 60532-4352

Re: Amendment Request for Radioactive Materials License 34-32780-04MD, Cardinal Health  
Radium-223 Manufacturing Services, Indianapolis, IN.

Licensing:

Cardinal Health 414, LLC (Nuclear Pharmacy Services and Radium-223 Manufacturing Services,  
hereafter Cardinal Health), requests the addition of 25 mCi of Thorium 227 for QC testing.

If you have any questions regarding this request, please contact me at 614.757.9586.

Sincerely,

Glenn P. Sullivan  
Corporate Radiation Safety Officer  
Director, Health Physics  
Nuclear Pharmacy Services

cc: Cami Still, RSO, Loc. 5889  
Shane Thrasher, Loc. 5889  
License File, Loc. 5889 (3)

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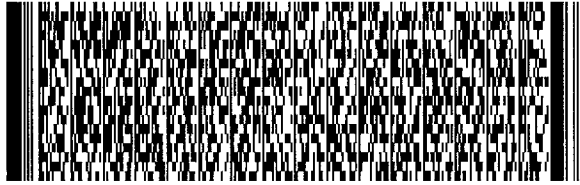
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**SUITE 210**  
**LISLE IL 60532**

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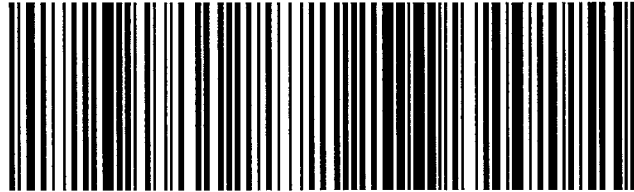
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