

Cardinal Health  
Nuclear Pharmacy Services  
Quality & Regulatory  
7000 Cardinal Place  
Dublin, OH 43017  
tel 614.757.4120  
fax 614.652.4598

[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,

A handwritten signature in black ink, appearing to read "Glenn P. Sullivan".

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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7000 CARDINAL PLACE

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UNITED STATES US

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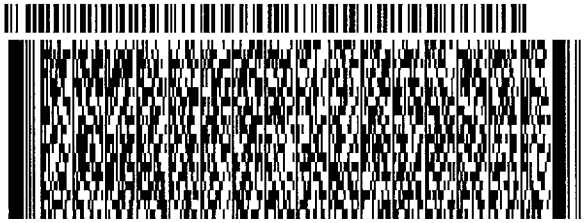
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US NRC REGION III  
2443 WARRENVILLE ROAD  
SUITE 210  
LISLE IL 60532

(630) 829-9854  
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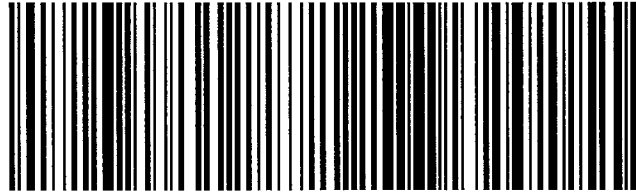
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