

Parker, Bryan

From: Sullivan, Glenn <glenn.sullivan@cardinalhealth.com>
Sent: Thursday, May 28, 2015 11:01 AM
To: Parker, Bryan
Cc: Claunch, Scott
Subject: sources used to calibrate the Lab impex system
Attachments: Cardinal Health Ra-223 Lic RAI 5.pdf; ATT00001.txt

Lab Impex will perform an initial calibration at installation and a minimum two NIST traceable sources will be used to ensure adequate performance of the detectors. They are as follows:

Manufacturer	Nuclide	Product Code #	Nominal Activity
Eckert & Zeigler	Am-241	AMRB20270	30 nCi
Eckert & Zeigler	Cl-36	CLRB20271	30 nCi

I have attached a letter stating the above.

Thank you so much for your help.

g



Glenn P. Sullivan, MBA
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CardinalHealth

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May 28, 2015

Bryan A. Parker

U.S. Nuclear Regulatory Commission

Region III – Division of Nuclear Materials Safety

2443 Warrenville Rd, Suite 210

Lisle, IL 60532-4352

Re: Additional Information for New Radioactive Materials License, Mail Control Number 584197, Cardinal Health – Radium-223 (Ra-223) Dispensing Facility, Indianapolis, IN (CN 584197)

Dear Mr. Parker:

Cardinal Health 414, LLC (Nuclear Pharmacy Services, hereafter Cardinal Health) submits additional information for our radioactive materials application for the above referenced control number in response to the request from your Department via phone call dated May 28, 2015. The Agency request is in italics followed by the Cardinal Health response.

Please clarify the sources that will be used on site to calibrate the Lab Impex System upon installation and not to exceed 12 months thereafter:

Lab Impex will perform an initial calibration at installation and a minimum two NIST traceable sources will be used to ensure adequate performance of the detectors. They are as follows:

Manufacturer	Nuclide	Product Code #	Nominal Activity
Eckert & Zeigler	Am-241	AMRB20270	30 nCi
Eckert & Zeigler	Cl-36	CLRB20271	30 nCi

If you have any additional questions please do not hesitate to contact me at 614-757-9586.

Sincerely,



Glenn Sullivan
Manager, Health Physics
Quality and Regulatory
Nuclear Pharmacy Services

cc: Gregory Even, RSO NRC Xofigo license
Scott Claunch, CRSO
Rick Hasselkus
Katherine Benson