

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)

March 31, 2016

Cassandra Frazier  
U.S. NRC - Region III  
Radioactive Material Licensing  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

Re: Amendment Request for Radioactive Materials License 34-29200-01MD, Mail Control  
Number 590078, Cardinal Health Nuclear Pharmacy Services, Dublin, OH

Licensing / Ms. Frazier:

Cardinal Health 414, LLC (Nuclear Pharmacy Services, hereafter Cardinal Health), withdraws our request dated January 27, 2016 for the addition of 100 millicurie (3.7 GBq) Germanium-68 and 60 millicurie (2.3 GBq) Gallium-68 isotope generators for the above referenced radioactive materials license.

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 Sullivan", written over a horizontal line.

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

/dh

cc: License File, Loc. NRC (3)

John Alexander, RSO, Loc. 7002  
Amanda Jehl, RSO, Loc. 7010  
Phillip Heim, RSO, loc. 7011  
Matthew Svejck, RSO, Loc. 7013  
Christie Holland, RSO, Loc. 7016  
Mary Beth Baker, RSO, Loc. 7025

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James Craig, RSO, Loc. 7028  
Earl Robertson, RSO, Loc. 7030  
Jay Simmons, RSO, Loc. 7088  
Brian Porter, RSO, Loc. 7109  
Dane Dishman, RSO, Loc. 7120  
John A. Miller, RSO, Loc. 7128  
Bruce Jorgensen, RSO, Loc. 7172  
Mark Peters, RSO, Loc. 7200  
Nate Johnson, RSO, Loc. 7201  
William Balogh, Loc. 7231  
Seung Yeo, RSO, Loc. 7232  
Timothy Pickard, RSO, Loc. 7306  
David Webb, RSO, Loc. 7341  
Justin Goodnite, RSO, Loc. 7545



02/05/2016

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NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE

Cardinal Health  
Nuclear Pharmacy Services  
Radiation Safety Officer  
7000 Cardinal Place  
Dublin, OH 43017

LICENSE NUMBER

34-29200-01MD

MAIL CONTROL NUMBER

590078

LICENSING AND/OR TECHNICAL REVIEWER

This is to acknowledge the receipt of your:

☒ LETTER and/or ☐ APPLICATION DATED: 1-27-16

The initial processing, which included an administrative review, has been performed.

☒ AMENDMENT ☐ TERMINATION ☐ NEW LICENSE ☐ RENEWAL

- ☒ There were no administrative omissions identified during our initial review.
- ☐ This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.
- ☐ Your application for a new NRC license did not include your taxpayer identification number. Please fill out NRC Form 531, located at the following link:

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>

Send the completed NRC Form 531, by facsimile, to the following number: (301) 415-5387

A copy of your action has been emailed to our License Fee and Accounts Receivable Branch, in our Headquarters office in Rockville, MD. You will be contacted separately if there is a fee issue involved.

Your application has been assigned the above listed **MAIL CONTROL NUMBER**. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region III  
U. S. Nuclear Regulatory Commission  
DNMS/Materials Licensing Branch  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352  
(630) 829-9887



# Fax

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Nuclear Pharmacy Services  
7000 Cardinal Place  
Dublin, Ohio 43017  
614.757.4120 tel  
614.652.4598 fax

[www.cardinalhealth.com](http://www.cardinalhealth.com)

Date: **March 31, 2016**

To: **MATERIALS LICENSING BRANCH**

Company: **U.S. NRC REGION III, 2443 Warrenville Road, Suite 210, Lisle IL 60532-4352**

**ATTN: Sandy Frazier**

Phone: **630.829.9830**

Fax: **630.515.1259**

From: **Glenn Sullivan, NPS Quality and Regulatory Dept.**

Phone: **614-757-9586**

Fax: **614-652-4598**

cc **W. Scott Claunch, Corporate Radiation Safety Officer  
NRC License File (3)**

Subject **License No. 34-29200-01MD Withdrawal Request January 27, 2016**

Pages 4 (including this page)

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Please review the attached correspondence according to instructions received in our recent telephone conversation.

Thank you,  
Glenn Sullivan  
Manager, Health Physics

CC: **W. Scott Claunch, R.Ph.  
Corporate Radiation Safety Officer  
Quality and Regulatory Department  
Nuclear Pharmacy Services  
Cardinal Health 414, LLC**

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CardinalHealth

Fax

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Date: March 31, 2016

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Company: U.S. NRC REGION III, 2443 Warrenville Road, Suite 210, Lisle IL 60532-4352

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Fax: 614-652-4598

cc: W. Scott Claunch, Corporate Radiation Safety Officer  
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Subject: License No. 34-29200-01MD Withdrawal Request January 27, 2016

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 Corporate Radiation Safety Officer  
 Quality and Regulatory Department  
 Nuclear Pharmacy Services  
 Cardinal Health 414, LLC

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ORIGIN ID:OSUA (614) 757-5074  
 DAN HILL  
 CARDINAL HEALTH  
 7000 CARDINAL PLACE

DUBLIN, OH 43017  
 UNITED STATES US

SHIP DATE: 31MAR16  
 ACTWGT: 1.00 LB  
 CAD: 104744132/INET3730

BILL SENDER

TO **NMSS LICENSING**  
**US NRC REGION III**  
**2443 WARRENVILLE ROAD**  
**SUITE 210**  
**LISLE IL 60532**

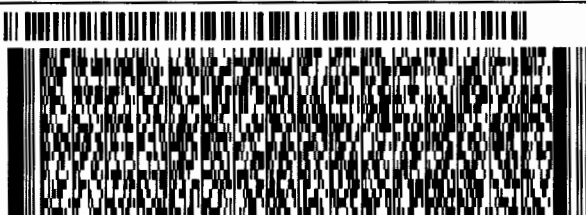
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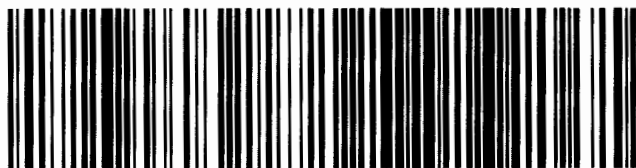
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