

Cardinal Health  
Nuclear Pharmacy Services  
Quality & Regulatory  
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January 11, 2016

Radioactive Materials Licensing  
U.S. NRC Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532

Re: Amendment Request for Radioactive Materials License, 34-32780-01, Cardinal Health  
PET Manufacturing Services, St. Louis, MO.

Licensing:

In accordance with 10 CFR Part 30.36 (d), Cardinal Health 414, LLC (Nuclear Pharmacy Services and PET Manufacturing Services, hereafter Cardinal Health) hereby notifies the Nuclear Regulatory Commission that principal activities under the license referenced above have permanently ceased, effective August 14<sup>th</sup>, 2015.

A letter dated October 13, 2015 was intended as the initial communication of this decision, and satisfied the 60 day timeline as required by 10 CFR 30.36 (d). In accordance with that regulation, Cardinal Health commits to submitting a Decommissioning Plan for the facility within 12 months of the October 13 date.

Cardinal Health tentatively intends to contract Ameriphysics, LLC (hereafter Ameriphysics) to assist with the decommissioning of this facility. Ameriphysics is specifically licensed by the Tennessee Department of Environment and Conservation to perform decontamination and decommissioning services at cyclotron and accelerator facilities.

Cardinal Health also requests that Ken Moore be named the Radiation Safety Officer on this license and that Darren Fields be removed from both authorized user and Radiation Safety Officer roles. Mr. Moore is currently an authorized user on this license and has satisfied Cardinal Health training requirements for assignment as RSO.

In addition, Cardinal Health requests that Earl Robertson, R.Ph. be added to this license as an authorized user. Mr. Robertson works at the nuclear pharmacy at 1909 Beltway Drive, St. Louis, MO, which is licensed under NRC License No. 34-29200-01MD. He is named as an authorized nuclear pharmacist on the Master ANP List associated with that NRC License.

At this time, the radiation safety program at this facility remains in place. Surveys are performed commensurate with activities taking place at the facility, and the audit program will remain

Kevin Null  
NRC Region III Licensing  
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active. Likewise, the monitoring of public dose will continue until the license is terminated. Any changes to the radiation safety program will be communicated to the NRC in a formal letter.

Please send all related license correspondence to myself or the Corporate Radiation Safety Officer, Scott Claunch, 7000 Cardinal Place, Dublin OH 43017. If you have any questions regarding this response, please contact me at 614.757.9586 or Evan Western at 614.553.4445.

Sincerely,



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

cc: MRSO, Loc. 5809  
Scott Claunch  
William Rose  
License File 5809 (3)

## Tomczak, Tammy

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**From:** Null, Kevin  
**Sent:** Monday, January 11, 2016 2:56 PM  
**To:** Tomczak, Tammy  
**Subject:** FW: RE: request for additional information  
**Attachments:** 160111 Notice of Cease of Principal Activities.pdf

Tammy, here is the e-mail and attached response that need to get into ADAMS. Please let me know what the ML number is.

Thanks, Kevin

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**From:** Western, Evan [mailto:evan.western@cardinalhealth.com]  
**Sent:** Monday, January 11, 2016 2:51 PM  
**To:** Null, Kevin <Kevin.Null@nrc.gov>  
**Cc:** Sullivan, Glenn <glenn.sullivan@cardinalhealth.com>  
**Subject:** [External\_Sender] RE: request for additional information

Mr. Null,

Thank you for contacting us at Cardinal Health regarding the cease of activities at our St. Louis PET Manufacturing Facility. Please find attached our formal notification, pursuant to 10 CFR 30.36(d).

For your reference, we expect to begin decommissioning this facility in approximately six months. Likewise, this schedule will allow us to complete decommissioning activities and request license termination well within the 24 month timeframe specified by 10 CFR 30.36 (h).

Please feel free to contact me or Glenn if you have any further questions.



**Evan T. Western**  
Manager, Health Physics  
PET Manufacturing, Nuclear Pharmacy Services  
7200 Cardinal Place, Dublin, OH 43017  
614.553.4555 dir | 614.553.9763 fax

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**From:** Null, Kevin [mailto:Kevin.Null@nrc.gov]  
**Sent:** Monday, January 11, 2016 10:36 AM  
**To:** Sullivan, Glenn <glenn.sullivan@cardinalhealth.com>  
**Subject:** request for additional information

Hi Glenn,

Attached is a record of our conversation from today.

Provide a response by the end of today, dated with today's date.

Please e-mail your response. The letter/response needs to have an original signature that is scanned in and e-mailed to me at [kevin.null@nrc.gov](mailto:kevin.null@nrc.gov).

Please confirm receipt of this e-mail and attachment.

Call or e-mail me if you have any questions.

Thanks,

Kevin Null  
630-829-9854

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Svenska: <http://www.cardinalhealth.com/en/support/terms-and-conditions-english.html>