



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

JUN 04 2014

Scott C. Brower, R.Ph.
Radiation Safety Officer
Mid-America Isotopes, Inc.
706 E. Liberty Lane
Ashland, MO 65010

Dear Mr. Brower:

Enclosed is Amendment No. 13 to your NRC Material License No. 24-26241-01MD in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

In this amendment we added new Condition No. 20, which is a standard condition for your type of licensed program. We noted it had been inadvertently left off your license in the past and so we are correcting it now. Your subsequent condition number has been re-numbered as a result.

We also deleted Condition No.17.B., as it appeared on Amendment No. 12, as it is no longer a standard condition for your type of licensed program.

In your correspondence with us dated March 7, 2014 (with attachments), March 25, 2014 (with attachments) and June 2, 2014, you indicated that you wished to release for unrestricted use the walls connecting your pre-existing restricted area spaces with the newly built spaces.

The NRC staff has reviewed your final status surveys. Based on its review, the staff has concluded that all licensable radioactive material has been removed from the walls between these spaces and that residual radioactive material attributable to licensed activities does not exceed current NRC criteria.

Based on these conclusions no further remediation or actions with respect to NRC regulated material is required for these walls and they are suitable for unrestricted use/disposal.

In addition, the newly constructed spaces are approved for use.

In the course of processing this amendment, you and I exchanged several telephone calls and emails because there appeared to be some confusion and misunderstanding associated with this review.

Most importantly, please note that submitting an amendment request or additional information for an amendment request does not assure automatic approval of the request until final action has been taken by our office.

To assist you in the future, please ensure that all licensing correspondence is prepared in accordance with the appropriate regulations and guidance, as described on our website and in NUREG 1556 Vol. 13, Rev. 1.

It would be most helpful to you, and to us, to describe in your initial amendment request correspondence if you have or expect to be experiencing an emergent medical situation or compelling business situation related to your amendment.

If such a situation arises after you have submitted an amendment request, then please telephone one of our staff reviewers to discuss the processing of the amendment and your need for accommodation.

Please justify and support, in brief, concise, written terms, the need for that particular amendment to be moved up in our normal queue.

Please note that we normally process all licensing actions, including amendment requests, in the order in which they are received. As our acknowledgment card for all licensing correspondence states, the initial review is normally completed within 90 days of receipt, as an internal goal only. Technical issues may delay completion of the initial review beyond that timeframe but we endeavor to minimize such situations to the greatest extent possible.

The technical quality and completeness of the submission are primary factors that you can control in order to enable us to help you more promptly and minimize delays in the reviewing process.

Ideally, if you know of an emergent medical situation impacting your license and you need an amendment by a certain specific date (not "stat" or "as soon as possible," etc.), please advise us of the situation, the specific date when the amendment is needed and the justification and support for it.

Please also ensure that an appropriate senior management official (best choice) and/or your Radiation Safety Officer signs "by hand," not electronically or via an email transmission only, and dates the amendment request letter.

Please include the name of at least one knowledgeable contact person who is familiar with your amendment request, his or her direct telephone number, and the best fax number to transmit the completed amendment to you. A business email address for the contact person may also be helpful in many circumstances.

Then our management can best decide how to handle the processing of your request.

If you have any questions or comments concerning this amendment please contact me at either (800) 829-9500, ext. 9841 or (630) 829-9841. My fax number is (630) 515-1078. My email address is colleen.casey@nrc.gov.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you.

This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions.

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

In accordance with 10 Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture.

You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

Sincerely,

A handwritten signature in black ink that reads "Colleen Carol Casey". The signature is written in a cursive style with a large initial 'C'.

Colleen Carol Casey
Materials Licensing Branch

License No. 24-26241-01MD
Docket No. 030-31896

Enclosure:

Amendment No. 13