



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

JAN 28 2019

Tracy King - Maudrie, M.S.
Radiation Safety Officer
Edward W. Sparrow Hospital
1215 East Michigan Avenue
Lansing, MI 48909-7980

Dear Ms. King - Maudrie:

Enclosed is Amendment No. 120 to your NRC Material License No. 21-01430-01 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.

As requested below, please contact me to discuss the status of your gadolinium - 153 source upon receipt of this letter. I can be reached at (630) 829-9841 or colleen.casey@nrc.gov. My fax number is (630) 515-1078. Contacting me via email to arrange the call is usually the quickest and easiest way to do so.

Please do not submit anything to us regarding the gadolinium -153 source until we have discussed its status in a phone call. When you do request deletion of this authorization from the license, please reference it to my attention as "additional information to control number 610375."

Please note that we made some minor formatting and content changes to your license to update it. These changes appear in Subitem Nos. 9.H. and 9.I.; Condition No. 11, changing the Radiation Safety Officer to you; Condition No. 12.C., removing Martin W. Johnson, M.S.; Condition No. 12.D., removing Martin W. Johnson, M.S.; Condition No. 12.D. correcting the spelling of the last name for Larry M. Langrill to add the second "l" in his last name; Condition No. 19 to move "Facsimile dated July 27, 2006 (ML06230058)" from 19.E. to 19.O.; and adding the current amendment request documents to Condition Nos. 19.M. and 19.N.

This also refers to my telephone discussion with you, Daniel Phillips and Dawn Edwards on November 19, 2018. In this discussion, you stated that it was your intention to withdraw your previous request to name Ms. Edwards as an additional temporary Radiation Safety Officer (RSO) on this license, as 10 CFR 35.24 only permits one RSO to be named to the license.

However, your letter dated December 17, 2018, failed to withdraw Ms. Edwards as an additional temporary RSO. We disregarded pursuing this request in the current amendment. But in the future, please ensure that you answer and respond appropriately to all requests for additional information from us.

The enclosed documents contain sensitive security-related information.
When separated from this cover letter this letter is uncontrolled.

T. Maudrie - King

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This also refers to the letter I sent to your former RSO, Martin W. Johnson, on August 28, 2015, transmitting the renewal of this license.

In this letter, attached as Enclosure 2, we authorized your gadolinium-153 source permitted by 10 CFR 35.500 in Subitem No. 6. through 9.E. for "storage only, pending disposal." Additionally, in my telephone call with Mr. Johnson on August 27, 2015, I explained that we would include a reminder in the renewal cover letter that 10 CFR 35.92 did not apply to this radionuclide because it has a half-life of 242 days and 10 CFR 35.92 is limited to radionuclides with a half-life of less than or equal to 120 days. So you would have to dispose of this source to a licensed entity, in accordance with 10 CFR 30.41 and 10 CFR Part 20, and Mr. Johnson's stated intentions, as he indicated in our call.

As this authorization still appears on the license almost three and a half years later, we must assume that the source has not yet been disposed of to an appropriately licensed entity and that it is being permitted to "decay-in-storage" contrary to 10 CFR 35.92.

Upon receipt of this amendment, please contact me to arrange a telephone call to discuss the disposition of this source, your intentions regarding its disposal and the information needed to remove it from the license after it has been disposed of appropriately.

NRC's Regulatory Issue Summary (RIS) 2005-31 provides criteria to identify security-related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through ADAMS, the NRC's electronic document system.

Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390, the enclosed license document and the copy of our letter to you dated August 28, 2015, are exempt from public disclosure because their disclosure to unauthorized individuals could present a security vulnerability.

The RIS may be located on the NRC Web site at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/ri200531.pdf> and the link for frequently asked questions regarding protection of security related sensitive information may be located at: <http://www.nrc.gov/reading-rm/sensitive-info/faq.html>.

A copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system "Agencywide Documents Access and Management System" (ADAMS).

The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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.

T. Maudrie - King

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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.

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,



Colleen Carol Casey
Materials Licensing Branch

License No. 21-01430-01
Docket No. 030-02009

Enclosures:

1. Amendment No. 120
2. Letter dated August 28, 2015,
NRC to M.W. Johnson