



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION III  
2443 WARRENVILLE ROAD STE 210  
LISLE, ILLINOIS 60532-4352

JAN 24 2006

Stan Carrender  
Radiation Safety Officer  
Missouri State  
Department of Health Laboratory  
307 W. McCarty  
Jefferson City, MO 65101

Dear Mr. Carrender:

Enclosed is Amendment No. 15 renewing your NRC Material License No. 24-12099-01 in accordance with your request. Please note that some of the changes made to your license are printed in **bold** font. Your license has been issued for a ten year term and will not expire until January 31, 2016.

Please 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.

- A. This also refers to the telephone discussion between you and me on January 13, 2006, January 17, 2006, and January 23, 2006, regarding your renewed license.

During my review of your renewal application and letter dated July 28, 2005, I noted that the renewal request had not been prepared in accordance with NUREG 1556, Vol. 7 and there seemed to be some confusion as to whether this specific license was necessary.

In the course of several conversations between you and me and Michael Massman, manager of your department and me, on various dates in January 2006, it was agreed that we would delete authorization for former Subitem Nos. 6.A. and 6.B., as they appeared on Amendment No. 14, because you never procured these items. Further, we agreed to name you as the new Radiation Safety Officer and to renew this license with the understanding that the need for specific licensing of the remaining materials on this license will be evaluated by you in the next month or so. That determination is expected to result in either the termination of this license or a significant modification of it.

As your application was incomplete in several key respects and contained many extraneous details, I agreed to renew your license by continuing your currently licensed documents in Condition No. 18.

This also refers to the telephone conversation record I faxed to you on January 17, 2006, which you acknowledged receipt of. Please carefully address each element of that record in reviewing your specific license and determining whether your remaining materials are subject to general or specific licensure, or are exempt from licensure.

If you have further questions concerning these matters please contact me at (630) 829-9841 or (800) 522-3025.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC, in writing, within 30 days:
  - a. When the Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or
  - b. When the mailing address listed on the license changes.
3. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license when a decision is made to terminate all activities involving materials authorized under the license.
4. Request and obtain a license amendment before you:
  - a. Change Radiation Safety Officers;
  - b. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
  - c. Add or change the address or addresses of use identified in the license application or on the license; or
  - d. Change ownership of your organization.
5. Submit a complete renewal application or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. The enclosed license document is exempt from public disclosure in accordance with 10 CFR 2.390, because its disclosure to unauthorized individuals could present a security vulnerability.

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.

Sincerely,

A handwritten signature in black ink, appearing to read "Colleen Carol Casey", written in a cursive style.

Colleen Carol Casey  
Materials Licensing Branch

License No. 24-12099-01  
Docket No. 030-05133

Enclosure:

Amendment No. 15