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

APR 15 2010

Mr. Willie (Jack) Crawford
Radiation Safety Officer
The Curators of the University of Missouri
311 Jesse Hall
Columbia, MO 65211

Dear Mr. Crawford:

Enclosed is Amendment No. 105 to your NRC Material License No. 24-00513-32 in accordance with your request. Please note that the changes made to your license are printed in **bold** font.

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.

Please note that, at this time, I updated the format of Condition No. 14. by adding Sub-condition No. 14.I. And I adjusted License Condition No. 18 to refer to Condition No. "31" instead of "30."

At this time, we must obtain finite possession limits for the authorization of materials in 10 CFR 35.300, which is in Subitem No. 8.C. of your license. Please respond by submitting an amendment request within 45 days of the date of this letter, addressing your letter to my attention and reference it as "additional information to control number 318752" to facilitate proper handling in our office.

If a 45-day response time is insufficient, please contact me at the telephone number above to discuss alternative arrangements.

Please specify a possession limit for iodine-131 authorized by 10 CFR 35.300 and an additional possession limit for any other materials you may use that are authorized under 10 CFR 35.300. Your possession limits must be realistic for your needs and include waste stream activities as well.

Many licensees typically request one curie of iodine-131 for this purpose and a total possession of two curies for all materials in 10 CFR 35.300. You may request other quantities as your needs maybe different.

If you have any questions concerning this amendment please contact me at either (630) 829-9841 or (800) 522-3025, ext. 9841.

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.

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

W. Crawford

Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390, the enclosed license document is exempt from public disclosure because its 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 (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).

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,



Colleen Carol Casey
Materials Licensing Branch

License No. 24-00513-32
Docket No. 030-02278

Enclosure:

Amendment No. 105