



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

MAR 24 2005

Patrick M. O'Toole, M.D.
Radiation Safety Officer
St. Joseph Health Center
1000 Carondelet Drive
Kansas City, MO 64114

Dear Dr. O'Toole:

Enclosed is Amendment No. 53 to your NRC Material License No. 24-02704-01 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 we are unable to delete your authorization for materials in 10 CFR 35.400 at this time because the information in your letter dated December 21, 2004, was insufficient to complete our review. Please submit the information requested below, addressed to my attention as "additional information to control number 314037," and we will continue our review.

Please clarify whether you ever possessed any materials in 10 CFR 35.400 under this license. If you did not, please so state.

If you did, please provide the following:

1. A description and list of the materials possessed under 10 CFR 35.400 and indicate when the last use of such materials took place (month and year).
2. The final leak test results of the last sealed sources (especially cesium-137) possessed under 10 CFR 35.400. In lieu of submitting the final leak test results, a comprehensive close-out survey of areas where 10 CFR 35.400 materials were used/stored may be submitted.

The survey should consist of exposure rate measurements to show that all sources of radioactive material have been removed, and contamination checks of areas where radioactive materials were used or stored. Average radiation levels associated with surface contamination and removable contamination should not exceed those specified in the enclosed decontamination guide. Please submit the following information with your close-out survey:

- a. A diagram of the facility with survey and wipe test results keyed to specific locations.
- b. The name of the person performing the survey.

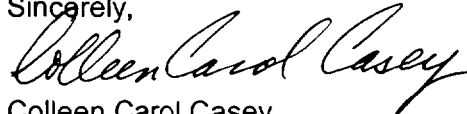
- c. The date the survey was performed.
 - d. The instrument(s) used for exposure rate measurements and for analysis of the wipes.
 - e. Background readings, each instruments' efficiency or correction factor and the radionuclide standards used to determine the efficiency/correction factor.
 - f. The date(s) that the survey instruments were last calibrated.
3. A copy of the final disposition of materials possessed under 10 CFR 35.400 and the acknowledgment of receipt from each recipient of said materials (vendors, other specific licensees who accepted transfer of sources, etc.). This is necessary to determine that the sources were disposed of to authorized recipients who were licensed to possess them.
4. If a room was used to store the sealed sources possessed under 10 CFR 35.400, please advise us as to whether this room is now decommissioned of all licensed materials and unrestricted in use. Advise us whether this room should be deleted from the license as an area of use, as defined in 10 CFR 35.2.

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 cursive script that reads "Colleen Carol Casey". The signature is written in black ink and is positioned above the printed name.

Colleen Carol Casey
Materials Licensing Branch

License No. 24-02704-01
Docket No. 030-02310

Enclosure: Amendment No. 53