



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

MAR 25 2005

Edward F. Downey, Jr., D.O.
Radiation Safety Officer
Phelps County Regional Medical Center
1000 West Tenth Street
Rolla, MO 65401

Dear Dr. Downey :

Enclosed is Amendment No. 26 amending your NRC Material License No. 24-18295-01 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, we have added a license condition (14) that restricts your possession of licensed materials to quantities below the limits that require the establishment of decommissioning financial assurance.

Please be advised that we cannot authorize you to release your "old" brachytherapy storage room located at 1000 West Tenth Street Rolla, Missouri, for unrestricted use (even by other members of your staff) until we have received and reviewed a copy of the results of your close-out survey. 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 contaminations should not exceed those specified in the enclosed decontamination guide. Please submit the following information with your close-out survey:

- a. A history of all radionuclides used at your "old" brachytherapy storage room.
- b. A current copy of the leak test results for the sealed sources used at your "old" brachytherapy storage room Also a history of leaking sealed sources (if any).
- c. A diagram of your "old" brachytherapy storage room with survey and wipe test results keyed to specific locations. Please record your survey results using the appropriate units as described in 10 CFR 30.36 (j) (2) (i) (copy enclosed).
- d. The name of the person performing the survey.
- e. The date the survey was performed.
- f. The instrument(s) used for exposure rate measurements and for analysis of the wipes.
- g. Background readings.

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h. The date that survey instrument was last calibrated.

*Please submit your close-out survey as additional information to **mail control 314109**.*

This letter and the enclosed license are exempt from public disclosure in accordance with 10 CFR 2.390, because its disclosure to unauthorized individuals could present a security vulnerability.

Sincerely,

A handwritten signature in cursive script that reads "William P. Reichhold".

William P. Reichhold
Materials Licensing Branch

License No. 24-18295-01
Docket No. 030-14804

Enclosure: Amendment No. 26
Decontamination Guide
10 CFR Part 30