



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

AUG 06 2008

Barry A. Gubin, M.D.  
Radiation Safety Officer  
Midwest Division – RBH, LLC  
(d/b/a Research Belton Hospital)  
17065 South 71 Highway  
Belton, MO 64012

Dear Dr. Gubin:

Enclosed is Amendment No. 17 amending your NRC Material License No. 24-24405-01 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 license condition 16 that requires license material to be transported in accordance with 10 CFR 71.

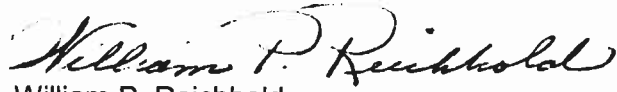
Also as discussed by telephone with Brent Seever, we cannot authorize you to release your old nuclear medicine department for unrestricted use (even by other members of your staff) until we have received and reviewed a copy of the results of your close-out survey. The survey should consist of exposure 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 in your old nuclear medicine department.
- b. A current copy of the leak test results for the sealed sources used in your old nuclear medicine department. Also a history of leaking sealed sources (if any).
- c. A diagram of your old nuclear medicine department 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.

- h. The date that the survey instrument was last calibrated.
- i. Confirm that all radioactive waste has been decayed to background radiation or has been transferred to a radioactive waste broker for disposal.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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).

Sincerely,



William P. Reichhold  
Materials Licensing Branch

License No. 24-24405-01  
Docket No. 030-18606

Enclosure: Amendment No. 17  
10 CFR Part 30  
Decontamination Guide