



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

JAN 02 2008

Craig Barnhart  
Radiation Safety Officer  
Butler University  
4600 sunset Avenue  
Indianapolis, IN 46208

Dear Mr. Barnhart:

Enclosed is Amendment No. 22 to your NRC Material License No. 13-01865-02 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.

In preparing this amendment I noted that several standard conditions for research and development licenses appeared to be missing from your license. Therefore I have added new Condition Nos. 16 through 19, inclusive.

At this time I updated Condition No.15 to permit the decay-in-storage of materials with a half-life less than or equal to 120 days. In addition, the Condition requiring that materials be held for a minimum of ten half-lives before survey and disposal has been deleted. These changes reflect the implementation of Regulatory Issue Summary 2004-017, revision 1, which can be found on our website at:

<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2004/ri200417r1.pdf>.

If you have any questions concerning this amendment please contact me at 630-829-9841.

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).

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 that reads "Colleen Carol Casey". The signature is written in a cursive style with a large initial 'C'.

Colleen Carol Casey  
Materials Licensing Branch

License No. 13-01865-02  
Docket No. 030-00693

Enclosure:

Amendment No. 22