



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

JUN 16 2009

Jack L. Bridges, M.D.  
Radiation Safety Officer  
Grand River Health System Corporation  
d/b/a Hedrick Medical Center  
100 Central Street  
Chillicothe, MO 64601

Dear Dr. Bridges:

Enclosed is Amendment No. 04 to your NRC Material License No. 24-32027-01 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.

Your letter dated March 9, 2009, requested the addition of accelerator produced materials to your license. Please note that this change was "automatically" made for you when 10 CFR 30.4, "Definitions," was amended on October 1, 2007, to expand the scope of materials covered by the term "byproduct materials." Similar changes were made to 10 CFR 35.100, 35.200, etc. on the same date with the same expansion of the scope of covered materials by revision of "Definitions."

You may wish to consult the "NARM Toolkit" at this link:

<http://nrc-stp.ornl.gov/narmtoolbox.html>

However, it is incumbent upon you to periodically evaluate your licensed program within the expanded scope of these new authorizations and to request appropriate amendments if or when addresses of use, areas of use, or other program elements change or are expected to change.

Please review NUREG 1556, Vol. 9, Rev. 2 for additional guidance in these matters. It should have been mailed to you as a hard copy already but it is available on our website at:

<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v9/r2/>

Please note that we have reformatted your license and added new standard Condition Nos. 13 and 14.

Please note that we have reformatted Subitem Nos. 6, 7, and 9 and Condition No. 12 at this time to remove all references to excluded authorizations, including but not limited to, authorizations such as generators, xenon-133, etc.

J. Bridges

**Please be reminded, however, that you are still bound by the restrictions imposed by the excluded authorizations contained in documents incorporated into your license in Condition No. 15 of your license.**

**In addition, please note that I "rounded up" your possession limit for your new authorization for materials in 10 CFR 35.300. I authorized one curie total for all materials in 10 CFR 35.300, which includes waste streams also. Please contact me if this possession limit is inappropriate for you.**

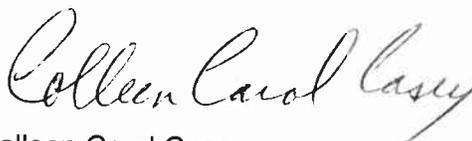
**Please note that your letter dated March 9, 2009, contained numerous pages of extraneous information. Please consult NUREG 1556, Vol. 9, Rev. 2, especially Appendix C, to gain a better understanding of the kind and quantity of information we need to evaluate requests to change your licensed program. Again, please contact me if you have any questions.**

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



Colleen Carol Casey  
Materials Licensing Branch

License No. 24-32027-01  
Docket No. 030-34539

Enclosure:

Amendment No. 04