



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

APR 21 2011

Nancy Maniaci, CNMT  
Radiation Safety Officer  
VHS Children's Hospital of Michigan, Inc.  
3901 Beaubien Blvd.  
Detroit, MI 48201

Dear Ms. Maniaci:

Enclosed is Amendment No. 46 to your NRC Material License No. 21-03298-05 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, at this time, we must limit your possession of materials listed in Subitem No. 8.D. Please provide a written, signed and dated amendment request within 20 days of the date of this letter specifying the possession limits you wish to have for each of these authorizations.**

**Please address your response to my attention at the above address referencing control number 574535 to ensure proper handling in our offices.**

**If you have any questions you may contact me at (630) 829-9841 and my fax number is (630) 515-1078.**

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.

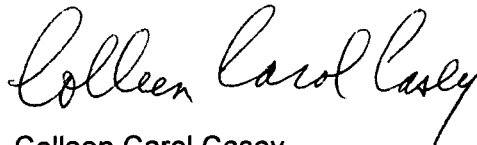
This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions.

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.

N. Maniaci

In accordance with 10 Code of Federal Regulations 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 NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

A handwritten signature in cursive script that reads "Colleen Carol Casey".

Colleen Carol Casey  
Materials Licensing Branch

License No. 21-03298-05  
Docket No. 030-13166

Enclosure:

Amendment No.46