

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

JUN 02 2012



Joseph T. Rakowski, Ph.D.  
Radiation Safety Officer  
Karmanos Cancer Center  
4100 John R Street  
Detroit, MI 48201

Dear Dr. Rakowski:

Enclosed is Amendment No. 57 to your NRC Material License No. 21-04127-06 in accordance with your request. Please note that the major 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 I restored Dr. Kim's authorizations for specific devices in 10 CFR 35.600.**

**I also deleted the "GliaSite Radiation Therapy System" from the authorizations for incumbent Authorized Medical Physicists (AMPs) Joseph T. Rakowski, Ph.D. and Jay Burmeister, Ph.D. This was done because the authorization was an error. The GliaSite Radiation Therapy System does not require an AMP so we had to correct this. We regret the error and any inconvenience it may have caused you.**

**Please note that, at this time, we were unable to approve Todd Bossenberger, M.S. as an Authorized Medical Physicist for the use of materials in your High Dose Rate remote afterloading brachytherapy program and in the teletherapy unit. This is because the information in your letter dated May 30, 2012, was insufficient to complete our review.**

**If you wish to pursue this request please submit a written response to the following information, attached to a standard business letter addressed to my attention at the above address as "additional information to control number 577466," to facilitate proper handling in our offices.**

**Your letter dated May 30, 2012, included Forms NRC 313a (AMP) for Mr. Bossenberger and relied heavily on his specialty board certification. However, the preliminary documentation provided demonstrating his successful completion of the specialty board certification process did not include information about whether Mr. Bossenberger's certificate would indicate that he is "AMP eligible" above the seal.**

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**As excerpted and copied from NRC's website:**

**10 CFR 35.51: Training for an authorized medical physicist American Board of Radiology (ABR) certification process from June, 2007 to May 2010 for the Therapeutic Radiologic Physics and from May 2011 forward for Therapeutic Medical Physics specialties for diplomates who have been issued certificates before and after these dates with the words "AMP Eligible" appearing above the ABR seal.\*\***

**In addition, the information required by 10 CFR 35.51(b)(1) was not provided for Mr. Bossenberger. His forms NRC 313a (AMP) must be revised to include all of the information in 10 CFR 35.51(b)(1), including proof of Mr. Bossenberger's master's degree. A copy of his diploma is best; please do not submit a copy of his college transcripts. Please have the revised copy of his forms currently dated and resigned by his preceptor.**

If you have any questions concerning this amendment please contact me at either (630) 829-9841 or (800) 522-3025, ext. 9841. My fax number is 630-515-1078.

NRC's Regulatory Issue Summary (RIS) 2005-31 provides criteria to identify security-related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through ADAMS, the NRC's electronic document system. Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390, the enclosed license document is exempt from public disclosure because its disclosure to unauthorized individuals could present a security vulnerability.

The RIS may be located on the NRC Web site at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/ri200531.pdf> and the link for frequently asked questions regarding protection of security related sensitive information may be located at: <http://www.nrc.gov/reading-rm/sensitive-info/faq.html>.

A copy of this letter 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

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licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture.

You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>.

We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

Sincerely,



Colleen Carol Casey  
Materials Licensing Branch

License No. 21-04127-06  
Docket No. 030-09376

Enclosure:

Amendment No. 57