



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

AUG 23 2018

Evan J. Boote, Ph.D.
Radiation Safety Officer
Spectrum Health Hospitals
100 Michigan St. NE
Grand Rapids, MI 49503

Dear Dr. Boote:

Enclosed is Amendment No. 104 to your U.S. Nuclear Regulatory Commission (NRC) Material License No. 21-00243-06 for Spectrum Health Hospitals in accordance with your requests dated May 18, 2018, August 2, 9, 13, and 16, 2018. 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 may provide appropriate corrections and answers.

Please note that we did not authorize Paul Thieme, D.O. for use of Title 10 of the *Code of Federal Regulations* (CFR) 35.600 material. During our phone conversation on August 7, 2018, we informed you that the American Board of Radiology certificate cannot be accepted and requested to provide form 313A(AUS) documenting Dr. Thieme's training and experience. In your letter dated August 9, 2018, you maintained that the Board Certificate requirements for 10 CFR 35.400 and 35.600 material use are the same; therefore, Dr. Thieme should be authorized for the requested use as he is currently an Authorized User for 10 CFR 35.400 material on NRC license no. 21-05432-04. Please note that regulations in 10 CFR 35.690 require board certification that is recognized by the Commission and an attestation by an Authorized User or documentation of a structured educational program and work experience and an attestation by an Authorized User. Since Dr. Thieme's American Board of Radiology Certificate is not recognized by the Commission, your request was not honored. If you wish to pursue this matter, please submit form 313 A(AUS) documenting Dr. Thieme's training and experience in the use of 10 CFR 35.600 material.

In your letters dated May 18, August 2, 9, 13, and 16, 2018, you provided the history of use and close-out survey and wipe test results for your former area of use located at Spectrum Health West Pavilion, 6105 Wilson Avenue, Wyoming, Michigan. You also confirmed that all residual licensed material used at this location had been removed – such that any remaining residual radioactivity is within the limits of Title 10 of the *Code of Federal Regulations* (CFR) Part 20, Subpart E.

Based on its review of close-out survey information, the staff has concluded that all licensable radioactive material has been removed from the area of use and residual radioactive material attributable to licensed activities in this area of use does not exceed current NRC criteria. Based on these conclusions no further remediation or actions with respect to NRC regulated material is required and the former area of use at Spectrum Health West Pavilion, 6105 Wilson Avenue, Wyoming, Michigan is suitable for unrestricted use.

The enclosed document contains sensitive security-related information.
When separated from this cover letter this letter is uncontrolled.

E. Boote

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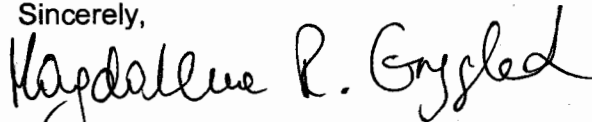
You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. The NRC may issue a notice of violation, 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.

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.

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 10 CFR Section 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 ADAMS, accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,



Magdalena R. Gryglak
Health Physicist
Materials Licensing Branch

License No. 21-00243-06
Docket No. 030-01989

Enclosure: Amendment No. 104