



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

MAY 05 2017

Richard Granberg
Radiation Safety Officer
MPI Research, Inc.
54943 North Main Street
Mattawan, MI 49071

Dear Mr. Granberg:

Enclosed is Amendment No. 02 to your NRC Material License No. 21-11315-04.

Please note that in accordance with current NRC licensing policy your license format and License Conditions have been updated. Specifically, we updated, License Condition No. 14 regarding the requirement for sealed source leak tests, License Condition No. 16 regarding the sealed sources inventory requirement, and License Condition No. 17 regarding the decay-in-storage of byproduct material.

In addition, License Condition No. 18 referencing the transportation requirement in Title 10 of the *Code of Federal Regulations* (CFR), Part 71, "Packaging and Transportation of Radioactive Materials," has been deleted. The transportation regulation is now included in the preamble on page 1 of the license.

Please note that in accordance with our telephone conversation on May 5, 2017, we have not authorized your license, regarding the installation and use of additional transfer lines, as requested in Item 3 of your letter dated February 3, 2017. As discussed, we will need you to provide clarification on what changes you are requesting regarding the use and installation of transfer lines. Additionally, note that for any new transfer lines installed and used, we will need you to provide prior to installation (in accordance to your license) the following additional information: 1) revised facility diagrams; 2) Shielding consideration with additional transfer lines; 3) Safety evaluation of workers (dose evaluation); and 4) Other items related to radiation safety. We will continue our review of your request for additional transfer lines upon receipt of the additional information.

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.

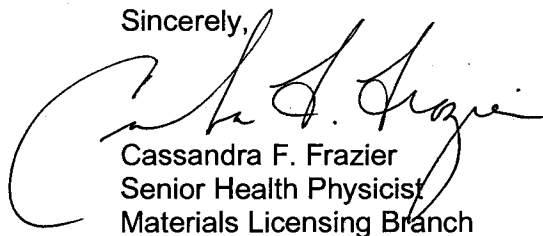
You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of 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.

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.

In accordance with Title 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,



Cassandra F. Frazier
Senior Health Physicist
Materials Licensing Branch

License No. 21-11315-04
Docket No. 030-38755

Enclosure: Amendment No. 02