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February 9, 2017

Ms. Patricia Pelke  
 Materials Licensing Branch  
 U.S. Nuclear Regulatory Commission, Region III  
 2443 Warrenville Road, Suite 210  
 Lisle, IL 60532-4352

RE: Materials License 21-11315-02 amendment to increase allowed limit for yttrium-90

Reference: Materials License 21-11315-02 renewal application, dated December 23, 2013 from MPI to the NRC Materials Licensing Branch

Dear Ms. Pelke,

MPI Research is requesting an amendment of Materials License 21-11315-02 as described below. Our request addresses the increase of our current possession limits for yttrium-90.

We request to modify our current possession limit for yttrium-90. We are currently permitted 50 millicuries per the stipulations of Section 6 Line A. We wish to increase this amount to permit a limit of 1.6 Curies total for yttrium-90. Increasing our allowed limits on yttrium-90 would allow us to support future medical research studies for which the possession of greater than 50 millicuries of yttrium-90 at any one time may be necessary.

We request to add Line AD as follows:

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license.	9. Authorized use
AD. Yttrium-90	Any	1.6 Curies total	For research and development as defined in 10 CFR 30.4, including animal studies and in-vitro studies.

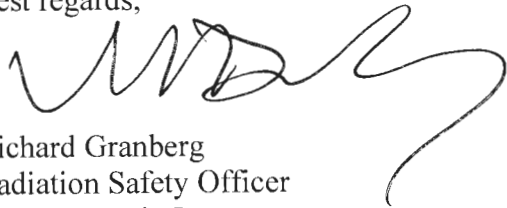
Since the half-life of yttrium-90 is less than 120 days the proposed change does not affect the required level of financial assurance per the criteria set forth in 10 CFR 30.35 (d).

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In addition, this letter also serves as a notification of change in senior management organization. On Attachment 5 of the reference letter, MPI Research provided an organization chart of senior management oversight of the radiation safety program. The chart is now revised to remove the Senior Director Regulatory Compliance from the functional reporting structure. This change preserves the direct flow of authority between executive management (CEO/President) to the RSO, per NUREG 1156, Volume 11; however, the administrative organization chart remains unchanged with a proper flow of oversight and authority for routine operations. The new organization chart is included as Attachment 1.

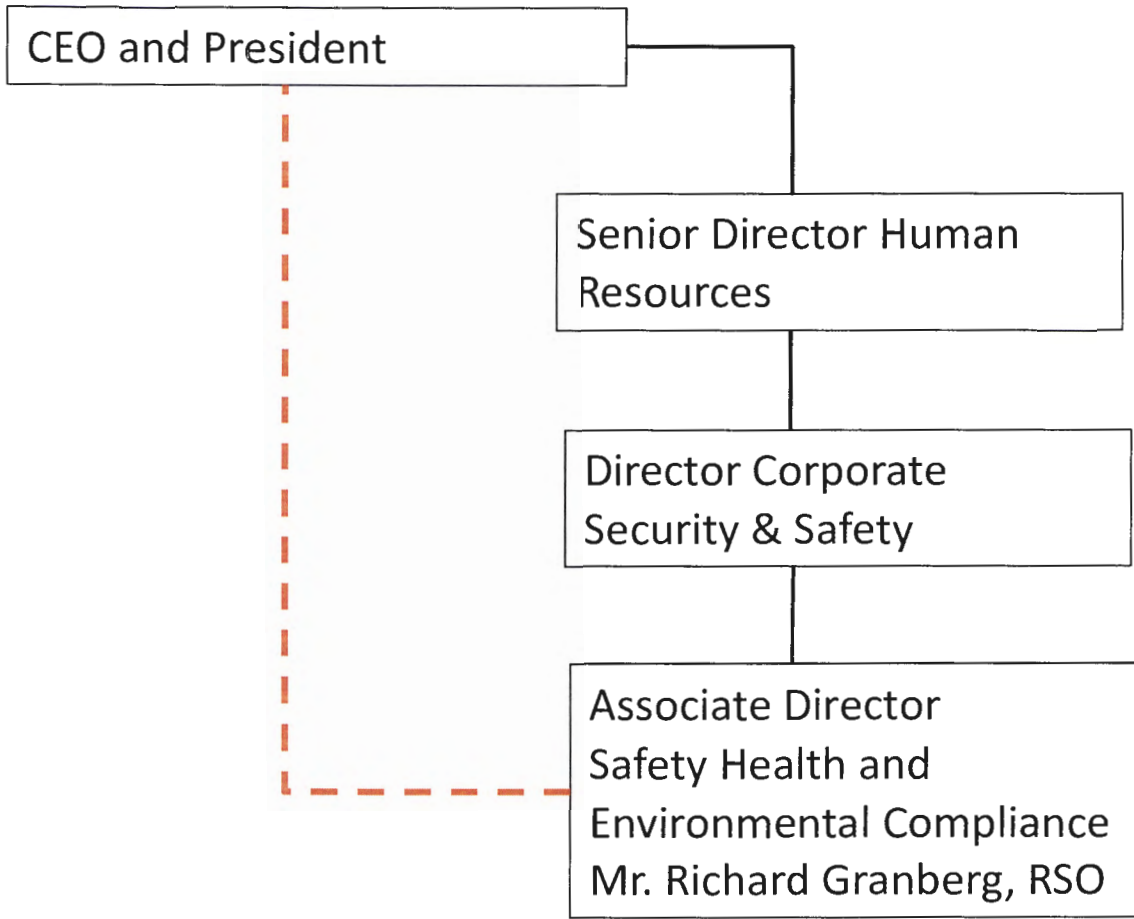
Please contact me at 269-668-3336 extension 2050 if there are any questions, or if further information is required.

Best regards,

A handwritten signature in black ink, appearing to read 'R. Granberg', with a long, sweeping tail extending to the right.

Richard Granberg  
Radiation Safety Officer  
MPI Research, Inc.

Attachment 1 - Senior management organization of radiation safety program



————— Administrative Reporting  
- - - - - Functional Reporting



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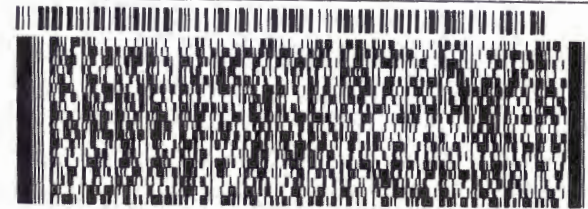
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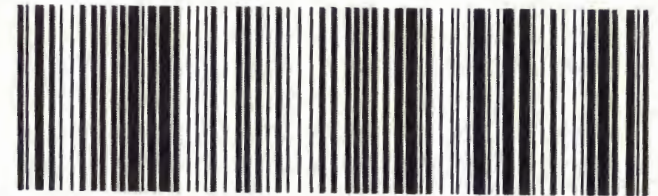
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