



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

FEB 07 2012

Mark Driscoll
Radiation Safety Officer
University of Michigan
Radiation Safety Service
Occupational Safety and Environmental Health
1239 Kipke Drive
Ann Arbor, MI 48109-1010

Dear Mr. Driscoll:

Because your JL Shepherd Mark I Model 25 self-shielded irradiator was modified from manual operation to pneumatic operation using parts that were not supplied by JL Shepherd, NRC requested the University of Michigan to develop and implement emergency procedures to address potential failures of the unit. We have received your response to our request in letter dated January 20, 2012, and are requesting additional information:

Your response appears to be an analysis of potential emergency scenarios in an essay format. Your procedures should be written in a format which (a) specifies the individuals to whom the procedure applies, (b) defines when the procedure is applicable and (c) prescribes step-by-step actions to follow. The procedure should stand on its own and should be made available to individuals who use the unit. Therefore, please modify your emergency procedure into a format that addresses the above items.

Your letter dated January 20, 2012, was signed by Joseph A. Miklos, Ph.D. We have no information from University of Michigan management specifying Dr. Miklos as an individual authorized to sign licensee correspondence. University correspondence sent to the NRC should be signed by a duly authorized individual such as the Radiation Safety Officer. Please submit the emergency procedure as an attachment to a letter signed by a duly authorized individual.

Please provide your response no later than February 27, 2012. If you have any questions regarding this matter please feel free to contact me at (630)828-9842.

Sincerely,

A handwritten signature in black ink, appearing to read "Toye L. Simmons".

Toye L. Simmons
Materials Licensing Branch

License No. 21-00215-04
Docket No. 030-01988