



August 4, 2017

U.S. Nuclear Regulatory Commission, Region III  
Attention: Materials Licensing Branch  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532

Subject: Amendment request to our radioactive material license (License # 21-00741-08, Docket 030-01995)

Dear Sir/ Madam,

Wayne State University's radiation safety staff wants to provide a service to our researchers to remove radioactive sealed sources from unused or non-functioning liquid scintillation counters on our campus.

The possible sealed sources that might need removal in these counters are the following:

Barium-133, Cesium-137, Europium-152 and Radium-226.

The maximum activity of each isotope mentioned above will not exceed 500 microcuries at one time in storage.

Our Radiation Safety Committee will review the training and experience of the radiation safety staff performing this service. The committee will then review and approve the standard operating procedures which include safe handling procedures during source removal, transfer of these sources to storage and final disposal as waste. The source removal process will be supervised by our Health Physicist.

The removed sources will be disposed as a radioactive waste. Prior to disposal, the sources will be leak tested, and securely stored in our waste facility until they are picked up by our waste vendor. The documentation of final disposition of these sources will be maintained according to the regulatory requirements.

Please feel free to contact me if you have more questions.

Sincerely,

Maha Srinivasan

RSO & Health Physicist

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