



Pinanski Building  
One University Avenue  
Lowell, Massachusetts 01854  
tel: 978.934.3366  
fax: 978.934.4067  
url: [www.uml.edu/radlab](http://www.uml.edu/radlab)

## RADIATION LABORATORY

April 5, 2021

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

REFERENCE: University of Massachusetts-Lowell Research Reactor  
Docket No. 50-223; License No. R-125

SUBJECT: Request for Additional Language to Item 2.B of the Proposed University Of  
Massachusetts Lowell Research Reactor Renewed Facility Operating License

The University of Massachusetts Lowell hereby requests a modification to the language in item 2.B of the proposed University Of Massachusetts Lowell Research Reactor Renewed Facility Operating License. The language would modify item 7.3.b in the original renewal request letter dated October 20, 2015 (ML15293A384) to read as follows: "to receive, possess, and use, but not separate, in connection with the operation of the facility, up to 100 grams of contained uranium-235 of any enrichment, in the form of neutron detectors, fission plates, foils, and solutions;"

The modification increases the originally requested limit of 30 grams to 100 grams for the requested additional allowance of fission plates, foils, and solutions for use in education and research activities at the facility.

Please direct any requests for additional information regarding this submittal to Mr. Leo Bobek, Reactor Supervisor at the above address.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

A handwritten signature in black ink, appearing to read 'Leo M. Bobek'.

Leo M. Bobek  
Reactor Supervisor, Radiation Laboratory

Cc: Ed Helvenston, U.S. NRC, Non-Power Production and Utilization Facility Licensing Branch (UNPL)  
Division of Advanced Reactors and Non-Power Production and Utilization Facilities (DANU)  
Office of Nuclear Reactor Regulation (NRR)