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RADIATION LABORATORY

May 25, 2011

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

Re: Submittal of Additional Information Related to Request for Amendment No. 14 to License No. R-125, Docket No. 50-223

In response to a telephone conversation with Mrs. Cindy Montgomery of NRC on May 23, 2011, the University of Massachusetts Lowell hereby submits the following information to supplement that provided in an enclosed document with the letter to NRC dated April 25, 2011.

Item 1: The Safety Evaluation supporting Amendment 13 to License R-125 concludes the storage of WPI fuel in regard to K_{eff} will meet license technical specification 5.4. In this regard, the presence of byproduct materials in the fuel will not affect the evaluation for fuel storage and will not affect the requirements of technical specification 5.4.

Item 2: The Safety Evaluation supporting Amendment 13 to License R-125 indicates the security plan for license R-125 meets the requirements for SNM of moderate strategic significance. In this regard, the presence of byproduct materials in the fuel will not affect the security plan for SNM of moderate strategic significance.

In addition, we propose the following revision to license condition 2.B.(5) as submitted in a letter to NRC dated April 25, 2011. The proposed revised condition states:

Pursuant to the Act and 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material," and Part 70, "Domestic Licensing of Special Nuclear Material," to receive and possess, but not use or separate, such byproduct and special nuclear materials produced by the operation of the Worcester Polytechnic Institute Research Reactor (WPIRR), contained in MTR-type reactor fuel transferred from the WPIRR.

Please direct any requests for additional information regarding this submittal to:

Mr. Leo Bobek, Reactor Supervisor
Radiation Laboratory
University of Massachusetts Lowell
One University Avenue
Lowell, MA 01854

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

A020
MRR

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Sincerely,

A handwritten signature in black ink, appearing to read "Leo M. Bobek". The signature is fluid and cursive, with a large initial "L" and "M".

Leo M. Bobek
Reactor Supervisor, Radiation Laboratory

Cc: Mrs. Cindy Montgomery
NRR/ADRO
USNRC