



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

August 27, 2019

Dr. Partha Chowdhury, Director
Nuclear Radiation Laboratory
University of Massachusetts-Lowell
One University Avenue
Lowell, MA 01854

SUBJECT: UNIVERSITY OF MASSACHUSETTS LOWELL – REVIEW OF EMERGENCY
PLAN IN SUPPORT OF LICENSE RENEWAL (EPID NO. L-2015-RNW-0001)

Dear Dr. Chowdhury:

As part of its review of the University of Massachusetts Lowell's (UML's) application for renewal of Facility Operating License No. R-125 for the UML research reactor (UMLRR) dated October 20, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16042A015), as supplemented, the U.S. Nuclear Regulatory Commission (NRC) staff performed a review of the UMLRR emergency plan (EP), Revision 7, dated May 23, 2013 (ADAMS Accession No. ML17296B070), which UML stated that it implemented as of that date.

The NRC staff has completed its review of the EP, Revision 7, and concludes that it complies with Title 10 of the *Code of Federal Regulations*, Section 50.34, "Contents of applications; technical information," paragraph (b)(6)(v), and is consistent with the following applicable guidance:

- NRC Regulatory Guide 2.6, "Emergency Planning for Research and Test Reactors," issued March 1983 (ADAMS Accession No. ML003740234);
- American National Standard Institute/American Nuclear Society-15.16-2015, "Emergency Planning for Research Reactors";
- NUREG-0849, "Standard Review Plan for the Review and Evaluation of Emergency Plans for Research and Test Reactors," issued October 1983 (ADAMS Accession No. ML062190191);
- NRC Information Notice 97-34, "Deficiencies in Licensee Submittals Regarding Terminology for Radiological Emergency Action Levels in Accordance with the New Part 20," dated June 12, 1997; and
- NRC Information Notice 92-79, "Non-Power Reactor Emergency Event Response," dated December 1, 1992.

We request that UML continue to implement its approved EP. If you have any questions regarding the NRC staff's review, please contact me at 301-415-4067 or by electronic mail at Edward.Helvenston@nrc.gov.

Sincerely,

/RA/

Edward Helvenston, Project Manager
Research and Test Reactors Licensing Branch
Division of Licensing Projects
Office of Nuclear Reactor Regulation

Docket No. 50-223
License No. R-125

cc: See next page

University of Massachusetts – Lowell

Docket No. 50-223

cc:

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Test, Research and Training
Reactor Newsletter
Attention: Ms. Amber Johnson
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SUBJECT: UNIVERSITY OF MASSACHUSETTS LOWELL – REVIEW OF EMERGENCY PLAN IN SUPPORT OF LICENSE RENEWAL DATE: AUGUST 27, 2019

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NRR-106

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