



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

December 16, 2021

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

SUBJECT: UNIVERSITY OF MASSACHUSETTS-LOWELL – NUCLEAR REGULATORY  
COMMISSION SECURITY INSPECTION REPORT NO. 05000223/2021201

Dear Dr. Chowdhury:

From November 2 - 4, 2021, the U.S. Nuclear Regulatory Commission (NRC) staff conducted a security inspection at the University of Massachusetts-Lowell research reactor. The inspection results were discussed on November 4, 2021, with reactor management and staff. The enclosed report documents the inspection results.

The inspection examined activities conducted under your license as they relate to security, compliance with the Commission rules and regulations, and with the conditions of your license. The inspector reviewed selected procedures and records, observed activities, and interviewed personnel. Based on the results of this inspection, no security concerns or non-compliances with NRC requirements were identified. No response to this letter is required.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public inspections, exemptions, requests for withholding," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (Agencywide Documents Access and Management System (ADAMS)). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the security-related information contained in the enclosure, and in accordance with 10 CFR 2.390(d), a copy of the enclosure will not be available for public inspection.

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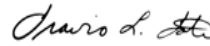
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P. Chowdhury

- 2 -

If you have any questions concerning this inspection, please contact Michael Takacs at (301) 415-2042, or by electronic mail at [Michael.Takacs@nrc.gov](mailto:Michael.Takacs@nrc.gov).

Sincerely,



Signed by Tate, Travis  
on 12/16/21

Travis L. Tate, Chief  
Non-Power Production and Utilization Facility  
Oversight Branch  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation

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

Enclosure:  
As stated

cc w/o enclosure: See next page

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University of Massachusetts - Lowell

Docket No. 50-223

cc:

Mayor of Lowell  
City Hall  
Lowell, MA 01852

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

Department of Environmental Protection  
One Winter Street  
Boston, MA 02108

Jack Priest, Director  
Radiation Control Program  
Department of Public Health  
Schrafft Center, Suite 1M2A  
529 Main Street  
Charlestown, MA 02129

Ms. Samantha Phillips, Director  
Massachusetts Emergency Management Agency  
400 Worcester Road  
Framingham, MA 01702-5399

Test, Research and Training  
Reactor Newsletter  
Attention: Ms. Amber Johnson  
Dept of Materials Science and Engineering  
University of Maryland  
4418 Stadium Drive  
College Park, MD 20742-2115

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P. Chowdhury

- 3 -

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DATED: DECEMBER 16, 2021

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