

December 13, 2017

Mr. Al Queirolo, Director
of Reactor Operations
Nuclear Reactor Laboratory
Massachusetts Institute of Technology
138 Albany Street, MS NW12-116A
Cambridge, MA 02139

SUBJECT: MASSACHUSETTS INSTITUTE OF TECHNOLOGY NUCLEAR REACTOR
LABORATORY – NUCLEAR REGULATORY COMMISSION
SECURITY-RELATED INSPECTION REPORT NO. 05000020/2017201

Dear Mr. Queirolo:

From November 13-16, 2017, the U.S. Nuclear Regulatory Commission (NRC) conducted a security inspection at the Massachusetts Institute of Technology Nuclear Reactor Laboratory. The inspection included a review of activities authorized for your facility.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations, as well as compliance 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) Section 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 inspection report, and in accordance with 10 CFR 2.390(d), a copy of the inspection report will not be available for public inspection.

Should you have any questions concerning this inspection, please contact Michael Takacs at 301-415-2042, or by electronic mail at Michael.Takacs@nrc.gov.

Sincerely,

R/A

Anthony J. Mendiola, Chief
Research and Test Reactors Oversight Branch
Division of Licensing Projects
Office of Nuclear Reactor Regulation

Docket No. 50-020
License No. R-37

cc: See next page

Massachusetts Institute of Technology

Docket No. 50-020

cc:

City Manager
City Hall
Cambridge, MA 02139

Department of Environmental Protection
One Winter Street
Boston, MA 02108

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

Mr. John Giarrusso, Chief
Planning and Preparedness Division
Massachusetts Emergency Management Agency
400 Worcester Road
Framingham, MA 01702-5399

Ms. Sarah M. Don, Reactor Superintendent
Massachusetts Institute of Technology
Nuclear Reactor Laboratory
Research Reactor
138 Albany Street, MS NW12-116B
Cambridge, MA 02139

Test, Research and Training
Reactor Newsletter
P.O. Box 118300
University of Florida
Gainesville, FL 32611-8300

SUBJECT: MASSACHUSETTS INSTITUTE OF TECHNOLOGY NUCLEAR REACTOR
LABORATORY – NUCLEAR REGULATORY COMMISSION
SECURITY-RELATED INSPECTION REPORT NO. 05000020/2017201
DATE: DECEMBER 13, 2017

DISTRIBUTION:

PUBLIC	PROB r/f	NParker, NRR	MTakacs, NRR
RidsNrrDlpProb	EReed, NRR	MCompton, NRR	WSchuster, NRR
RidsNrrDlpPrlb	AMendiola, NRR		

ADAMS Accession Nos.: ML17338A245 – Letter; ML17338A297 Pkg. *concurrence via e-mail

NRC-002

OFFICE	NRR/DLP/PROB/SS*	NRR/DLP/PROB/LA*	NRR/DLP/PROB/BC
NAME	MTakacs	NParker	AMendiola
DATE	12/11/17	12/5/17	12/13/17

OFFICIAL RECORD COPY