



**NUCLEAR REACTOR LABORATORY**  
AN INTERDEPARTMENTAL CENTER OF  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY



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Activation Analysis  
Coolant Chemistry  
Nuclear Medicine  
Reactor Engineering

50-20

December 19, 2001

U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555  
Attn: Document Control Desk

Subject: Revision to MITR Technical Specifications #7.1 / Reply to Close Out  
Open Item #50-20/2001-202-01

Gentlemen:

Enclosed is a revision to Massachusetts Institute of Technology Research Reactor Technical Specification #7.1 which reflects changes in the administrative structure at MIT. Please note that submission of this item should close out open item #50-20/2001-202-01 from NRC Inspection Report #50-20/2001-202 dated August 20, 2001.

Sincerely,

*Susan Tucker*

Susan Tucker  
QA Supervisor  
MIT Reactor

*Edward S. Lau*

Edward S. Lau  
Superintendent  
MIT Reactor

*John A. Bernard*

John A. Bernard, Ph.D.  
Director  
MIT Nuclear Reactor Laboratory

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

Executed on 12-14-01  
Date

*John A. Bernard*  
Signature

EL/gw

cc: USNRC - Senior Project Manager,  
NRR/ONDD  
USNRC - Region I - Project Scientist,  
Effluents Radiation Protection Section (ERPS)  
FRSSB/DRSS

A020

## 7. ADMINISTRATIVE CONTROLS

### Applicability

Administrative controls are the means by which reactor operations are subject to management control. Measures specified in this section provide for the assignment of responsibilities, reactor organization, staffing qualifications and related requirements, review and audit mechanisms, procedural controls and reporting requirements. Each of the measures are applicable as minimum requirements throughout reactor life.

### Objective

To assure that adequate management controls are available for safe facility operation.

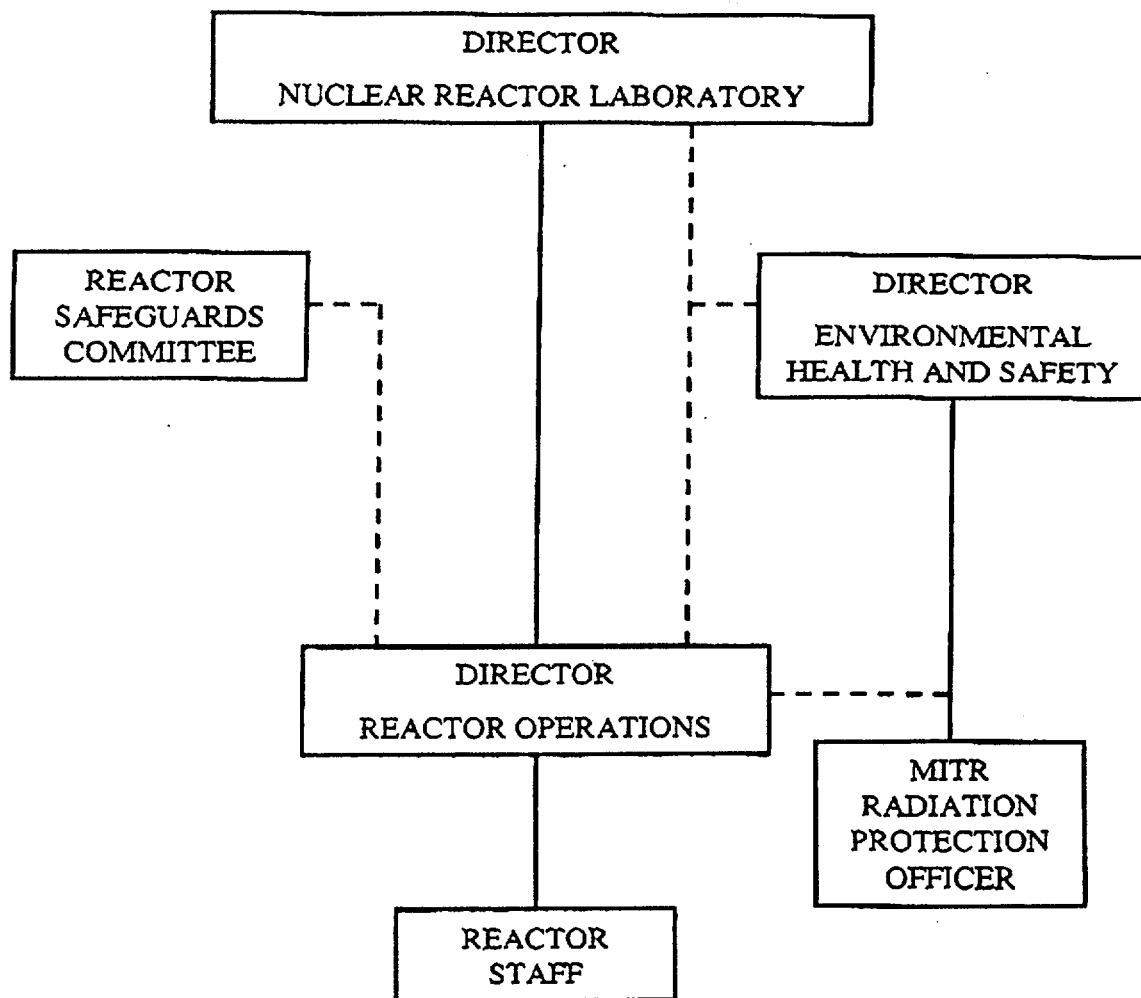
#### 7.1 Responsibility

7.1.1 The Director of Reactor Operations is directly responsible for the safe operation of the facility.

7.1.2 In all matters pertaining to safe operation of the MIT Reactor (MITR) and to these Technical Specifications, the Director of Reactor Operations shall report to and be directly responsible to the Director of the Nuclear Reactor Laboratory. The management organization is shown in Figure 7.1-1.

7.1.3 The MITR Radiation Protection Officer shall be responsible for radiation protection at the MITR. He shall advise the Director of Reactor Operations in all matters pertaining to radiation protection.

7.1.4 The MITR Radiation Protection Officer shall report to, and be directly responsible to, the Director of MIT Environmental Health and Safety.



- Solid Line Indicates Direct Management Responsibility.
- Dotted Line Indicates Review and Approval in Areas of Responsibility Defined by these Technical Specifications and the MIT Administration under the Direction of the President of M.I.T.

Fig. 7.1-1 Management Organization

7.1.5 The MITR Radiation Protection Officer shall be a member of the Reactor Safeguards Committee.

7.1.6 In the event of disagreement between the recommendations of the MITR Radiation Protection Officer and the Director of Reactor Operations or their alternates, on matters pertaining to radiation protection, the course determined by the Director of Reactor Operations or his designated alternate to be more conservative will be followed. Records of the disagreement will be sent for review and possible reconsideration to the Director of MIT Environmental Health and Safety, the Director of the Nuclear Reactor Laboratory, and the Chairman, MIT Reactor Safeguards Committee.