



NUCLEAR REACTOR LABORATORY
AN INTERDEPARTMENTAL CENTER OF
MASSACHUSETTS INSTITUTE OF TECHNOLOGY



O. K. HARLING
Director

138 Albany Street, Cambridge, Mass. 02139-4296
Telefax No. (617) 253-7300
Telex No. 92-1473-MIT-CAM
Tel. No. (617) 253-4202

J. A. BERNARD, JR.
Director of Reactor Operations

January 13, 1992

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

Subject: Changeout of Heavy Water Reflector, Facility Operating License No. R-37,
Docket No. 50-20

Gentlemen:

The Massachusetts Institute of Technology hereby reports, as an item of information, that it has successfully performed a complete changeout of the D₂O in its heavy water reflector. This work was done during a planned maintenance outage that was held in December 1991 - January 1992. All work was conducted in accordance with written procedures that were approved by the MIT Reactor Safeguards Committee.

The Massachusetts Institute of Technology also wishes to thank the U.S. Department of Energy for its enormous assistance in this matter.

Sincerely,

Kwan S. Kwok, Ph.D.
Superintendent
MIT Research Reactor

John A. Bernard, Ph.D.
Director of Reactor Operations
MIT Research Reactor

JAB:CRH

cc:: O. Harling, MIT
R. Stephens, DOE
K. Brown, DOE
USNRC - Region I - Chief,
Reactor Projects Section No. 3A
USNRC - Region I - Project Engineer,
Reactor Projects Section No. 3A
USNRC - Project Manager,
Standardization and Non-Power Project Directorate
USNRC - Region I - Chief,
Effluents Radiation Protection Branch

9201210103 920113
PDR ADCK 05000020
P PDR

A020
1/0