



NUCLEAR REACTOR LABORATORY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY



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L. CLARK, JR.
Director of Reactor Operations

June 23, 1981

Mr. James R. Miller, Chief
Standardization and Special Projects Branch
Division of Licensing
Nuclear Regulatory Commission
Washington, D. C. 20555



SUBJECT: SAR Revision No. 23, Docket 50-20

Dear Mr. Miller:

Massachusetts Institute of Technology submits herewith Revision No. 23 to the "Safety Analysis Report for the MIT Research Reactor (MITR-II)", Report No. MITNE-115 (October 22, 1970), as amended. The purpose of the revision is to update the SAR with regard to new containment penetrations for instrument lines.

During overhaul of the containment building air conditioning system the controls were changed from electrical to pneumatic. This required three additional penetrations for 1/4" O.D. instrument air lines. The revision was reported to USNRC, Region #1, as a 10CFR50.59(a)(1) change in the "MIT Research Reactor Annual Report to USNRC for the period 7/1/79-6/30/80".

Please replace SAR pages 16.17a and 16.17b with the new pages enclosed. Changes are indicated by lines in the margin.

Sincerely,

Lincoln Clark, Jr.
Lincoln Clark, Jr.

LC/sbs

Enclosures: pp. 16.17a and 16.17b

cc: MITRSC (with enclosures)
USNRC-NRR (3 signed and 19 copies with enclosures)
USNRC-DMB

Middlesex ss *June 23, 1981*
Subscribed and Sworn to before me this *23rd* day
of *June*, 1981.

Lincoln Clark, Jr.
(Signature)

Edward M. Dargan Notary Public

My commission expires *Oct. 15* 1982

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