

DCS-014

MAR 11 1982

Docket No.: 50-20

Mr. Lincoln Clark, Jr., Director
Massachusetts Institute of Technology
138 Albany Street
Cambridge, Massachusetts 02139



Dear Mr. Clark:

By letter dated August 24, 1981, you submitted a revision of the Massachusetts Institute of Technology Physical Security Plan for your tank-type reactor. We have reviewed the submittals and have concluded that the revision meets the requirements of 10 CFR 73.67 for the protection of special nuclear material of moderate strategic significance. Since the current NRC-approved physical security plan should properly be reflected in the license authorization for your facility, we are herewith issuing Amendment No. 19 to Facility License No. R-37 which identifies your currently approved physical security plan.

Changes which would not decrease the effectiveness of your approved physical security plan may be made without prior approval by the Commission pursuant to the authority of 10 CFR 50.54(p). Changes which do require prior NRC approval should be submitted and identified as license amendment requests.

You are required to submit a transportation Physical Security Plan to the NRC at least 120 days prior to any anticipated shipments or receipts of special nuclear material of moderate strategic significance (10 CFR 73.67(e)) or 10 kg or more of low strategic significance (10 CFR 73.67(g)).

Based on the fact that this license amendment applies to the physical security plan and incorporates into the license the latest requirements of your updated physical security plan, we have concluded that:

- (1) the amendment does not involve a significant increase in the probability or consequence of accidents previously considered, does not involve a significant decrease in a safety margin, and, therefore, does not involve a significant hazards consideration;
- (2) there is reasonable assurance that the health and safety of the public will not be endangered by this action; and
- (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

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Mr. Lincoln Clark, Jr.

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We have determined that this amendment will not result in any significant environmental impact and that it does not constitute a major Commission action significantly affecting the quality of the human environment.

We have also determined that this action is not one of those covered by 10 CFR 51.5(a) or (b). Having made these determinations, we have further concluded that, pursuant to 10 CFR 51.5(d)(4), an environmental impact assessment and negative declaration need not be prepared in connection with issuance of this amendment.

The documents comprising the currently approved physical security plan for the Massachusetts Institute of Technology reactor and our evaluation findings have been placed in the Commission's files. Pursuant to 10 CFR 2.790(d), this information is being withheld from public disclosure.

It is required that this physical security plan be implemented within 30 days from the date of issuance of this amendment.

Sincerely,

James R. Miller, Chief
Standardization and Special
Projects Branch
Division of Licensing

Enclosure:
Amendment No. 19

cc w/enclosure:
See next page

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