

APPENDIX A  
NOTICE OF VIOLATION

Massachusetts Institute of Technology  
Cambridge, Massachusetts

Docket No. 50-20  
License No. R-37

As a result of an inspection conducted on January 25-28, 1983, and in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C), 47 FR 9987 (March 9, 1982), the following violations were identified:

1. Technical Specification 7.8.1.g., Operating Procedures, requires that detailed written procedures be prepared, approved, and adhered to for surveillance and testing as required by Technical Specifications. Technical Specification 4.3.2.e., Reactor Control, Safety and Radiation Monitoring System Surveillance, requires that the containment differential pressure instrument be calibrated and its interlock trip point verified at least annually.

Contrary to the above, as of January 28, 1983, the licensee did not have detailed written procedures for and had not calibrated the containment differential pressure instrument and had not verified its interlock trip point at least annually.

This is a Severity Level IV violation. (Supplement I.D.)

2. 10 CFR Part 50.54(i-1), Conditions of licenses, requires, in part, that the licensee have in effect an operator requalification program. Section 1.16.1.2(a) of the licensee's approved Requalification Program for Licensed Personnel requires, in part, that each licensed senior operator either must manipulate the reactor controls or direct the activities of individuals during reactor control manipulation during the term of his license. The reactivity control manipulations in any combination of reactor startups, reactor shutdowns, reshimming, or power changes of 10 percent or greater shall take place at intervals not to exceed four months.

Contrary to the above, during the five and one-half month period from March 1, through August 17, 1982, a licensed senior operator did not manipulate the reactor controls or direct the activities of individuals during reactor control manipulations in any combination of reactor startups, reactor shutdowns, reshimming, or power changes of 10 percent or greater.

This is a Severity Level V violation. (Supplement I.E.)

Pursuant to the provisions of 10 CFR 2.201, the Massachusetts Institute of Technology is hereby required to submit to this office within thirty days of the date of the letter which transmitted this Notice, a written statement or explanation in reply, including: (1) the corrective steps which have been taken and the results achieved; (2) corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending this response time.