

DCS

DEC 11 1990

Docket No. 030-21242

License No. 20-20834-01

Genzyme Corporation  
ATTN: Henri A. Termeer  
President  
75 Kneeland Street  
Boston, Massachusetts 02111

Gentlemen:

Subject: Routine Inspection No. 90-001

On September 12 and 13, 1990, Ms. Betsy Ullrich of this office conducted a routine safety inspection at 75 Kneeland Street, Boston, Massachusetts; 101 Binney Street and One Kendall Square, Cambridge, Massachusetts; One Mountain Road and 45 New York Avenue, Framington, Massachusetts of activities authorized by the above listed NRC license. The inspection was an examination of your licensed activities as they relate to radiation safety and to compliance with the Commission's regulations and the license conditions. In addition, our inspection examined the activities covered in your correspondence dated March 21, 1986, and the letter dated October 26, 1990.

The findings of the inspection were discussed with F. Scott Furbish, Manager of Government Contracts and Corporate Radiation Safety Officer, at the conclusion of the inspection.

Based on the results of this inspection, it appears that your activities were not conducted in full compliance with NRC requirements. A Notice of Violation is enclosed as Appendix A and categorizes each violation by severity level in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (Enforcement Policy). You are required to respond to this letter and in preparing your response, you should follow the instructions in Appendix A.

The violation described in the Notice of Violation involving incineration of licensed material is classified as a Severity Level IV violation. As indicated in Supplement IV of the NRC Enforcement Policy, significant violations of this type are normally classified as Severity Level III. However, because of your prompt identification of the loss of 1.6 millicuries of phosphorus-32, the small quantity of material involved, the recovery of the material in the ash with little or no releases of radioactive material in effluents to unrestricted areas, and your corrective actions taken to prevent recurrence, we have concluded that this incident posed a minimal health and safety problem. We have consulted with the NRC Office of Enforcement and exercised our judgement under the NRC Enforcement Policy and have classified this violation as Severity Level IV. However, similar violations of this type in the future may result in additional enforcement action.

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In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and your reply will be placed in the Public Document Room.

The responses directed by this letter and the accompanying Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

Your cooperation with us is appreciated.

Sincerely,

**Original Signed By:**  
**John D. Kinneman**

John D. Kinneman, Chief  
Nuclear Materials Safety Section B  
Division of Radiation Safety  
and Safeguards

Enclosure:  
Appendix A, Notice of Violation

cc w/encl:  
Public Document Room (PDR)  
Nuclear Safety Information Center (NSIC)  
Commonwealth of Massachusetts

bcc w/encl:  
Region I Docket Room (w/concurrences)  
Management Assistant, DRMA  
D. Holody, RI

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