



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

JUN 09 1980

Docket Nos. 30-0882
30-3287
40-5259
70-0391

Princeton University
ATTN: Dr. A. J. Maruca
Vice President for Administrative Affairs
Princeton, New Jersey 08540

Gentlemen:

Subject: Inspection 80-01

This refers to the inspection conducted by Mr. B. O'Neill of this office on May 20 and 21, 1980, of activities authorized by NRC License Nos. 29-5185-24, 29-5185-25, SNM-356 and SUD-381 and to the discussions of our findings held by Mr. O'Neill with Professors R. May and J. Wooley, and Messrs. J. Faust and R. Milwicz of your staff at the conclusion of the inspection.

The inspection was an examination of activities conducted under your licenses as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of your licenses. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, measurements made by the inspector, and observations by the inspector.

Our inspector also verified the steps you have taken to correct the items of noncompliance brought to your attention in a letter following our previous inspection. We have no further questions regarding your action at this time.

In addition, our inspector took smear samples in your preparation and storage areas which were analyzed in our Regional Office Laboratory in King of Prussia, Pennsylvania. The basic purpose of these independent measurements is to verify your capability for analyzing removable contaminations in your preparation and storage areas. The results of our analyses were in agreement with your results and indicate levels were below minimum detectable activities.

Based on the results of this inspection, it appears that one of your activities was not conducted in full compliance with NRC requirements, as set forth in the Notice of Violation, enclosed herewith as Appendix A. This item of noncompliance has been categorized into the levels as described in our correspondence to you dated December 31, 1974. This notice is sent to you pursuant to the provisions

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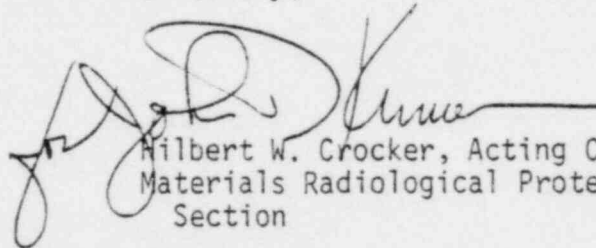
of Section 2.201 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations. Section 2.201 requires you to submit to this office, within twenty (20) days of your receipt of this notice, a written statement or explanation in reply including: (1) corrective steps which have been taken by you and the results achieved; (2) corrective steps which will be taken to avoid further items of noncompliance; and (3) the date when full compliance will be achieved.

From the discussions conducted during the inspection, it is our understanding that you plan to initiate a comprehensive radiation safety audit program in the near future. In your reply to this letter, please describe this audit program, and the date when it will be implemented.

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.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,



Hilbert W. Crocker, Acting Chief
Materials Radiological Protection
Section

Enclosure: Appendix A, Notice of Violation