

19 JUL 1988

Docket No. 030-09831

License No. 29-09831-01

Seton Hall University
ATTN: Bernhard W. Scholz
Provost
400 South Orange Avenue
South Orange, New Jersey 07079

Gentlemen:

Subject: Special Inspection No. 88-001

On April 26 and 27, 1988, Mr. Selvan Rajendran, Ms. Elizabeth Ullrich and Laurence Friedman, Ph.D., C.H.P., of this office conducted a special safety inspection at the home of a student and at the above address of activities authorized by the above listed NRC license. The inspection was limited to a review of an incident involving the contamination of a student with radioactive material identified on April 25, 1988. The findings of the inspection were discussed with yourself and other members of your staff at the conclusion of the inspection. A copy of the NRC inspection report is enclosed.

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.

Based on our review of this situation, we have concluded that the student was contaminated with sodium-22, a radionuclide not regulated by the NRC. Therefore, we plan no further action with regard to this matter. However, during the inspection we concluded one violation of NRC regulations occurred. In addition, it appears that weaknesses in your control of sodium-22 and radium-226 would be violations of NRC requirements if applied to NRC licensed material. Therefore, in addition to your response to the specific violation, please describe the actions you plan to assure that all radioactive material is properly accounted for and authorized before it is obtained or used. Also, please describe your plans to improve your survey program for detecting and quantifying radioactive contamination.

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.

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Seton Hall University

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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

Enclosures:

1. Appendix A, Notice of Violation
2. NRC Region I Inspection Report No. 88-001

cc:

Public Document Room (PDR)
Nuclear Safety Information Center (NSIC)
State of New Jersey

bcc:

Region I Docket Room (w/concurrences)
Management Assistant, DRMA
S. Rajendran, RI

RI:DRSS *[Signature]*
L. Friedman/bc
06/29/88

RI:DRSS *[Signature]*
S. Rajendran
06/29/88

RI:DRSS
E. Wilrich
06/29/88

RI:DRSS *[Signature]*
J. Kinneman
06/14/88

RI:DRSS *[Signature]*
Joyner
06/14/88

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