

**PURDUE
UNIVERSITY** OFFICE OF HEALTH PHYSICS AND
RADIOLOGICAL CONTROL

July 26, 1985

Don J. Sreniawski, Chief
Nuclear Materials Safety, Section 2
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Mr. Sreniawski:

This letter is submitted in response to your letter dated July 8, 1985, concerning the results of an inspection of our NRC Byproduct Material License No. 13-02812-04, No. 13-02812-02 and Source Material License No. SUD-296 conducted June 10-14, 1985, by Ms. Coleen Casey. Purdue University will make every effort to reduce the possibility that the items of noncompliance identified in your letter do not occur again. Specific corrective actions are set forth below. The numbered items correspond to those items enumerated in the Appendix to your letter.

1. This item refers to a bottle of unopened wine being stored in Lilly Hall room 1-124 on June 12, 1985. This item was corrected soon after Ms. Casey found the bottle by confiscating the bottle. The same bottle of wine had been discovered two months earlier during our own unannounced room survey of April 9, 1985. During our May room survey, the bottle was not found, but had apparently been placed in a brown paper bag and left in the refrigerator until found by Ms. Casey. In order to keep this type of occurrence from happening again, personnel performing room surveys will be instructed to open any package or sack which could contain beverages or food. We will confiscate alcoholic beverages and also follow-up on rooms in which a food storage violation has occurred to see that the material has been removed. We believe this will be more effective since our recently enlarged staff includes a person whose primary responsibility is performing room surveys. This will allow for more consistent surveys and a more knowledgeable person to interface with the investigators in their labs.
2. This item refers to the lack of protective clothing being worn by a graduate student using P-32 in Smith Hall room B-17 on June 12, 1985. It should be pointed out that the graduate student was wearing protective gloves, shirt, pants, and shoes. We do not interpret 3.2.1.1.i. to require the



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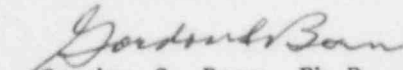
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use of lab coats. We do encourage the use of lab coats during our initial training of isotope workers, and will encourage their use during our lab surveys.

We would also like to thank Ms. Casey for her comments and suggestions during her inspection and will make every effort to incorporate her suggestions and concerns into our comprehensive radiation safety program where possible.

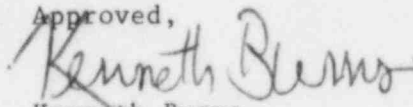
We have taken the liberty to assume that the reference to a letter from Purdue University of May 20, 1985, is an error and should have been May 20, 1980. If this is not right, please let us know.

Sincerely,



Gordon S. Born, Ph.D.
Radiation Control Officer

Approved,



Kenneth Burns,
Vice President for Physical
Facilities

GSB:mjw