

Appendix

NOTICE OF VIOLATION

Purdue University

License No. 13-02812-04

As a result of the inspection conducted between June 10-14, 1985, and in accordance with the General Policy and Procedures for NRC Enforcement Actions, (10 CFR Part 2, Appendix C), the following violations were identified:

1. License Condition No. 22 requires that licensed material be possessed and used in accordance with the statements, representations, and procedures contained in certain referenced applications and letters.

The referenced Radiological Control and Health Physics Handbook dated May 25, 1979 states in Section 3.2.1.1.a. that the storage or preparation of food and beverages is prohibited in any area where radioactive materials are stored.

Contrary to the above, a beverage was stored in an area where radioactive materials was used. Specifically, on June 12, 1985, our inspector found a bottle of wine in Lily Hall 1-124 in a refrigerator labelled "Caution-Radioactive Materials." This is a repeat item of noncompliance.

This is a Severity Level IV violation (Supplement VI).

2. License Condition No. 22 requires that licensed material be possessed and used in accordance with the statements, representations, and procedures contained in certain referenced applications and letters.

The referenced Radiological Control and Health Physics Handbook dated May 25, 1979 states in Section 3.2.1.1.i. that protective clothing is required to be worn for manipulations of unsealed radioactive material where the possibility of contamination exists.

Contrary to the above, protective clothing was not worn by persons using unsealed radioactive material. Specifically, on June 12, 1985, our inspector observed a graduate student manipulating unsealed phosphorus-32 in Smith Hall B-17 without the required protective clothing being worn. Statements made by other licensee representatives to our inspector indicated that approximately 15 percent of the radiation workers consulted during the inspection do not routinely wear protective clothing in accordance with the Handbook requirements, stated above.

This is a Severity Level V violation (Supplement VI).

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3. License Condition No. 22 requires that licensed material be possessed and used in accordance with the statements, representations, and procedures contained in certain referenced applications and letters.

The referenced Radiological Control and Health Physics Handbook dated May 25, 1979 states in Section 3.2.1.3. that containers of radioactive materials must be properly labelled, in accordance with 10 CFR 20. 10 CFR 20.203(f), requires certain containers of byproduct materials to be labelled with an "Caution-Radioactive Material" sign.

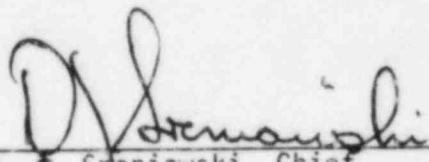
Contrary to the above, it was learned from observations and independent measurements made during a routine facilities tour that this requirement is not being met. Specifically, on June 12, 1985, our inspector found radioactive material in a white waste bucket labelled only "cold selenate" in a research laboratory in Stone Hall G-50. No "Caution-Radioactive Material" label was apparent and the bucket was unattended.

This is a Severity Level V violation (Supplement IV).

Pursuant to the provisions of 10 CFR 2.201, you are required to submit to this office within thirty days of the date of this Notice a written statement or explanation in reply, including for each item of noncompliance: (1) corrective action taken and the results achieved; (2) corrective action to be taken to avoid further noncompliance; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

Dated

July 8, 1985

  
D. J. Sreniawski, Chief  
Nuclear Materials Safety  
Section 2