

OCT 23 1989

NOTICE OF VIOLATION

Purdue University  
West Lafayette, Indiana

License No. 13-02812-04

1. License Condition 20.A requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in a letter dated May 19, 1986, with attached application.

Item 15 of this application states in the General Rules for the Safe Use of Radioactive Material, "wear laboratory coats or other protective clothing at all times in areas where radioactive materials are used."

Contrary to the above, while our inspector was conducting a tour of Smith Hall, Room 233, a graduate student was observed not wearing a laboratory coat in an area where phosphorus-32 was being used.

This is a repeat violation.

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

2. 10 CFR 20.207(b) requires that licensed material in an unrestricted area and not in storage be tended under constant surveillance and immediate control of the licensee.

Contrary to the above, the inspector observed byproduct material in Room 168 of the Brown Building (an unrestricted area), which was not in storage nor tended under the constant surveillance or immediate control of the licensee.

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

3. License Condition 20.D requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in a letter dated May 5, 1987.

Item 7a. of this letter states that when using radioactive materials, users are instructed to use a survey meter or other appropriate survey technique frequently during and following work with unsealed radioactive materials.

Contrary to the above, the inspector was informed by the licensee that certain users of radioactive materials failed to survey use areas during and following work with unsealed radioactive materials as required. Specifically, from 1989 to date, Life Sciences Building laboratory 233 and Brown Building biochemistry laboratory 327 were not routinely surveyed as required and researchers in these laboratories use unsealed licensed material.

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

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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 violation: (1) the corrective steps that have been taken and the results achieved; (2) the corrective steps that will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

October 18, 1989  
Dated

W. J. Slawnt for  
D. J. Sreniawski, Chief  
Nuclear Materials Safety  
Section 1