

## NOTICE OF VIOLATION

Purdue University  
West Lafayette, Indiana

Docket No. 030-00696  
License No. 13-02812-04

During an NRC onsite inspection conducted on February 27 and 28, and March 3 and 4, 1997, with continuing NRC review through March 14, 1997, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," (60 FR 34381, dated June 30, 1995), the violation is listed below:

Condition 27 of License No. 13-02812-04 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in an application dated May 22, 1992.

1. Item 9.2. of the section of this application entitled "Purdue Radiation Safety Manual" requires, in part, that protective equipment such as lab coats must be used for all manipulations of unsealed sources and must not be worn outside the laboratory unless it has been monitored and found free of contamination.

Contrary to the above, on November 15, 1995, two laboratory radiation workers were manipulating phosphorus-32 in an unsealed form in room BCHM-35 and left the room without monitoring their lab coats for contamination. Subsequently, on November 16, 1997, phosphorus-32 contamination was identified on worker's lab coats, shoes, a shirt, socks and pants which were not monitored prior to the workers leaving room BCHM-35.

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

Pursuant to the provisions of 10 CFR 2.201, Purdue University is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555, with a copy to the Regional Administrator, Region III, 801 Warrenville Road, Lisle, Illinois 60532-1351 within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Because your response will be placed in the NRC Public Document Room (PDR), to the extent possible, it should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction. However, if you find it necessary to include such information, you should clearly indicate the specific information that you desire not to be placed in the PDR, and provide the legal basis to support your request for withholding the information from the public.

Dated at Lisle, Illinois  
this 9th day of April 1997