

NOTICE OF VIOLATION

University of Puerto Rico  
San Juan, Puerto Rico

Docket No. 030-13584  
License No. 52-01946-07

During an NRC inspection conducted on January 29-30, 1997, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," NUREG-1600, the violations are listed below:

- A. 10 CFR 20.1501(a)(2) requires, in part, that each licensee shall make or cause to be made, surveys that are reasonable under the circumstances to evaluate the potential radiological hazards that could be present.

10 CFR 20.1003 defines survey, in part, as meaning an evaluation of potential hazards incident to the use, or presence of radioactive material

Contrary to the above, fume hoods in use in Research Laboratories have not been surveyed for proper air flow in up to four years. These fume hoods contain, at times, millicurie quantities of unsealed radioactive material.

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

- B. 10 CFR 35.51(a) requires that a license calibrate the instrument used to show compliance with 10 CFR 35 before first use, annually, and following repair.

Contrary to the above, on January 29, 1997, the instrument in use at the nuclear medicine "hot lab" was outside the annual calibration period that ended December 9, 1996.

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

- C. Condition 26 of License No. 52-01946-07 requires, in part, that the licensee conduct its radiation safety program in accordance with the statements, representations and procedures contained in the license application dated January 27, 1994, and a letter dated August 24, 1995.

Item 5A of the letter dated August 24, 1995, requires that the Nuclear-Medicine fume hood face velocity be measured every six months.

Contrary to the above, the Nuclear Medicine fume hood face velocity has not been measured since approximately June 1995.

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

Enclosure 1

- D. Condition 26 of License No. 52-01946-07 requires, in part, that the licensee conduct its radiation safety program in accordance with the statements, representations and procedures contained in the license application dated January 27, 1994.

Attachment 9.4 of the application dated January 27, 1994, requires, in part, that film badges be changed monthly.

Contrary to the above, during calendar year 1996, film badges were not exchanged for processing monthly and instead were exchanged for processing at bimonthly intervals.

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

Pursuant to the provisions of 10 CFR 2.201, the University of Puerto is hereby required to submit a written statement or explanation to the Regional Administrator, Region II, with a copy to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555, 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 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.

Dated at Atlanta, Georgia  
this 13th day of February 1997