



Office of the Provost

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February 7, 1995

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Reply to a Notice of Violation

A Notice of Violation was issued in Docket No. 030-31503 for Materials License No. 45-03499-09 issued April 24, 1990 to the Department of Chemistry at the College of William and Mary. This is a response from the College of William and Mary to this notice.

Two violations were noted as a result of an inspection by Mr. J. Diaz Velez on December 28, 1994:

- A. Possession of a 0.21 microcurie source of Strontium-90 that does not appear on the license.
- (1) This was an oversight on the part of the Radiation Safety Officer (RSO), Dr. Richard L. Kiefer. When the College went from a broad-based, College-wide license in 1990 to individual departmental licenses Dr. Kiefer failed to include it on the application. The source in question was purchased in 1966 and was covered by the original 1966 Chemistry Department license and then by the broad-based license.
 - (2) Prior to the Notice of Violation, the Chemistry Department decided to terminate its Materials License since no experiments were being done with radioactive materials and none were contemplated. Rather than request an amendment to a license that will be terminated, the RSO asked the Region II office the most efficient way to handle the situation in a letter dated February 3, 1995 (copy attached). Thus, corrective steps have been initiated and will be completed in accordance with advice from the Region II office.
 - (3) Further violations will not occur since no more radioactive materials will be purchased by the Chemistry Department and the license will be terminated.

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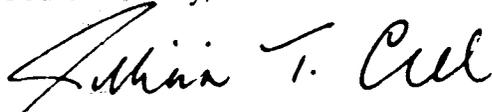
- (4) Full compliance will be achieved when we act according to the advice of the Region II office.

B. Using radioactive materials without performing surveys before and after use.

- (1) This occurred in experiments done by a biochemist, Dr. Patricia Kane, who left the College in August of 1992. Dr. Kane was listed on the license as an authorized user of radioactive materials. In a recent telephone conversation, Dr. Kane informed the RSO that she did survey the laboratory with a survey meter during and after the experiments, but she failed to document the negative results. Immediately prior to her departure in August of 1992, she did a thorough and documented survey of the laboratory.
- (2) Experiments using radioactive materials have ceased since Dr. Kane left. No further use of radioactive materials is contemplated.
- (3) Further violations will not occur since the Materials License will be terminated.
- (4) Full compliance will be achieved when the license is terminated.

I trust that you will find our response acceptable.

Yours sincerely,



Gillian T. Cell
Provost

Enclosure: Letter to Ms. Diane Heim

cc: Regional Administrator, Region II
Chief, Nuclear Materials Inspection Section, Region II
Professor Richard Kiefer
Professor Stephen Knudson

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