

DCP/DCB



# BUTLER UNIVERSITY

4 January 1991

Director of Public Safety  
4600 Sunset Avenue  
Indianapolis, Indiana 46208  
317/283-9982 • FAX 317/283-9970

Mr. William H. Schultz, Chief  
Nuclear Materials Safety, Section One  
Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Eilyn, Illinois 60137

Re: Response to Notice of Violation

Dear Mr. Schultz:

I write to respond to the Notice of Violation generated by the safety inspection conducted by Ms. T. L. Simmons on November 13 and 16, 1990.

License No. 13-01865-02

1. The Inspector noted that the Radiological Control Committee failed to meet in the first and third quarters of 1989 and 1990.

This violation was effected by the sudden death of the former Radiation Safety Officer and Coordinator. The appointment of a new Director of Public Safety, as well as a new Secretary for the Radiological Safety Control Committee, will ensure that that Committee meets on a quarterly basis.

2. Required training has not been held, since at least 1988, for all Public Safety and maintenance personnel.

Annual radiation safety training sessions and walk-throughs of the Radioisotope facilities will be conducted by the newly-appointed Assistant Director for Environmental Programs.

3. The Inspector noted that drink had been stored in a refrigerator posted as containing radioactive material.

University policy states that drink is not permitted where radioactive materials are used or stored. The appropriate signage has been posted and this policy will be strictly enforced.

License No. 13-01865-04

4. The nominal 14 curie cobalt-60 source located in the Radcell irradiator had not been tested for leakage and/or contamination since 1987.

Leak tests of the cobalt-60 source will be conducted by Dr. Wagar Bhatti. In addition, the Director of Public Safety did, prior to the November 13 and 16, 1990, inspection, request that funds be allocated for the disposal of the Radcell irradiator.

As you noted in your letter of December 7, 1990, the University stores a significant quantity of sealed and unsealed radioactive material in the College of Pharmacy. Prior to the inspection, too, Public Safety personnel highlighted

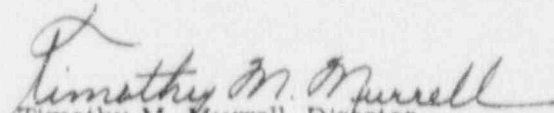
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this area as one of grave concern. The aforementioned proposal, dealing with the removal of the Radcell irradiator, contained, too, a request for sufficient funds to dispose of the sealed and unsealed radioactive material in the College of Pharmacy. We have contacted the following companies, in order to determine the cost of eliminating radioactive waste at our facility and preventing future violations: ADCO Services Inc., Tinley Park, Illinois 60477; Chemical/Nuclear Systems Inc., Columbia, South Carolina 29210; and J.L. Sheppard and Associates, San Fernando, California 91340.

We hope to achieve full compliance with Nuclear Regulatory Commission policies and procedures, within the next six to eight months. If you have any questions concerning our Butler University response to the NRC Notice of Violation, please call me.

Sincerely yours,

  
Timothy M. Murrell, Director  
Department of Public Safety

TMM/lwr

cc: Alyce R. Dressler, Vice President for Administration  
Dr. W. Bhatti, College of Pharmacy  
Linda Hildebrand, Assistant Director for Environmental Programs