



UNIVERSITY OF CINCINNATI • RADIATION SAFETY OFFICE

Telephone (513) 872-4115

234 Goodman Street, M.L. 591
Old Operating Pavilion Basement
Cincinnati, Ohio 45267-0569

August 8, 1985

B. J. Holt
Materials Licensing Section
Nuclear Regulatory Commission, Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Ms. Holt:

This is in response to your letter (Control No. 79254) requesting additional information on Dr. Bosmann's experience in handling radioactive materials.

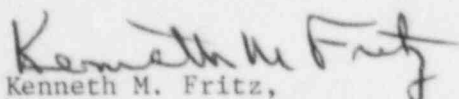
The following lists the isotopes and maximum activities used by Dr. Bosmann in all types of in vitro radioactive assays, instrument calibration, protein iodination, chemical synthesis, and tracer studies:

^3H	500 mCi	^{14}C	500 mCi
^{45}C	10 mCi	^{32}P	40 mCi
^{131}I	10 mCi	^{86}Rb	1 mCi

I would also like to clarify Dr. Bosmann's qualifications for administering the radiation safety program here at the University of Cincinnati. Dr. Bosmann has worked with radioisotopes since 1963. Indeed, the University of Rochester was the birthplace of the Manhattan Projects biohazard division; and the faculty in the Dept. of Radiation Biology from which Dr. Bosmann obtained his degree in biophysics were then employees of the AEC. Dr. Bosmann took many courses from the pioneers in biologic effects of radiation; taught courses in the Department; and later, was acting Chairman of the Department of Pharmacology and Toxicology. Dr. Bosmann has also served as a consultant in radioactive labelling to New England Nuclear and as Chairman of his department's radiation safety committee. He was a member of the university's biohazards committee which encompasses and oversees radiation safety. Dr. Bosmann thus has much experience with monitoring, control, handling, and clean-up techniques for studies involving radioactive materials.

I hope that this information is helpful in reviewing our request for an amendment to NRC License Number 34-06903-05.

Sincerely,


Kenneth M. Fritz,
Radiation Safety Officer

KMF:ch 8511270255 851101
REG3 LIC30
34-06903-05 PDR

RECEIVED

AUG 12 1985

REGION III

AUG 12 1985