

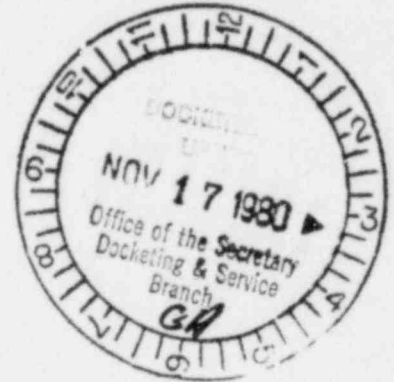
BALTIMORE COLLEGE OF DENTAL SURGERY  
DENTAL SCHOOL  
UNIVERSITY OF MARYLAND

115  
PROPOSED RULE PR 20  
45 FR 67018

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DEPARTMENT OF BIOCHEMISTRY

November 14, 1980



Secretary of the Commission  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Docketing and Service Branch

RE: Docket No. PR20 (45 FR 67018)

Dear Commission Members:

I have been working with tracer amounts of isotope-labeled organic compounds off and on since perhaps 1940. Since about 1952 my work has been limited to the use of  $^{14}\text{C}$ -containing compounds. After the synthesis of such labeled compounds, they were used to study the metabolism of microorganisms or rats.

Since the introduction of the rules and procedures for the disposal of animal carcasses have denied the use of incineration for this purpose, our work has been severely restricted.

Those of us who have worked with  $^{14}\text{C}$ -containing compounds for so long and those of us who have also been exceedingly concerned about contamination of both the laboratory environment and the general environment, have always found it difficult to understand the imagined dangers of liberating vanishingly small amounts of this isotope of carbon into the atmosphere. I support with thoughtful enthusiasm the Commission's consideration of the modifications in the Standards for Protection Against Radiation to permit the disposal of specified concentrations of  $^{14}\text{C}$ -labeled materials without regard to their radioactivity.

Sincerely,

*John P. Lambooy*  
John P. Lambooy, Ph.D.  
Professor and Chairman

JPL/md  
cc: Mr. Leland R. Cooley  
Radiation Safety Officer

*2-4-1, Pt. 20*

*11/17/80*

ACKNOWLEDGED BY CARD

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