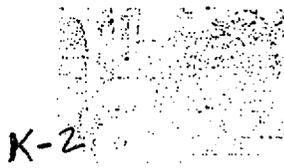


The John B. Pierce Laboratory

Affiliated with Yale University

January 6, 2005

David B. Everhart
U.S. NRC - Region 1
475 Allendale Road
King of Prussia, PA 19406-1415



Center for Research in
Health and the Environment

Established in 1933

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RE: License No. 06-02354-02 *03014580*

Dear Mr. Everhart:

As per our conversation, please note that the following information has been added to our NRC License renewal application under Item 6.

Animal research. On occasion, licensed material is used in tracer quantities (i.e., μCi) for research in rodents (mice, rats). Airborne release of metabolized tracer amounts do not approach the limits set forth in 10 CFR 20.1301 pertaining to potential acute or cumulative annual exposure to individual workers or to the environment. All research employing isotopes in rodents are acute (<6 hrs) and conducted in laboratories preapproved for radioactive use with appropriate and dedicated short-term housing/bedding (if required). Experimental waste (operating pads/supplies), animal bedding and waste are disposed of in the appropriate waste containers.

Training - Before beginning any tracer work with animals, researchers will be required to complete the standard radiation safety training (described in Item 8.) as well as on-the-job training specific to the experiment from the P.I.

Contamination Control and Waste Handling. Experimental waste (operating pads/supplies), animal bedding and waste are disposed of in the appropriate waste containers. Precautions pertaining to long-term housing are not required. Animal carcasses from ^{14}C and ^3H tracer studies contain less than the limits set forth in NUREG 1556, Vol 7, Appendix H) and are disposed of by the same method as non-radioactive carcasses. Animal carcasses that contain ^{32}P material (half-life 14 days) are stored in a dedicated a freezer dedicated for radioactive material and held until radiation levels are indistinguishable from background (minimum of 10 half-lives) before disposal.

Please let me know if any further information is needed.

Sincerely,

P. Darrell Neuffer, Ph.D.
RSO

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