



25 June 1974

U.S. Atomic Energy Commission
Attn: Leo Wade, Jr.
Materials Branch
Directorate of Licensing
Washington, D.C. 20545

Gentlemen:

References: Letter dated 19 March 74, 14 May 74, control number 42408, and reply dated 4 June 74.

As per our conversation on 19 June 74, it is my understanding we were discussing two applications for specific licenses, one of which was 18-01475-11 and communication is referenced above.

Two areas were apparently deficient from standpoint of applying for an individual specific license as follows: (1) Method of waste disposal and (2) how work area surveyed for contamination and permissible level.

METHOD OF WASTE DISPOSAL

1. All wastes (including potentially contaminated wastes) are held for disposal by burial.
2. Dry wastes are packaged in plastic bags and boxed in containers usually less than 50 lbs, sealed and labeled.
3. Liquid waste: containers preferably polyethylene, are placed in larger nonbreakable, leakproof container to contain liquid in case of leakage or breakage. Containers to have securely fitting corks or covers. Care is taken that pH is not altered by addition of acid or alkali in such a manner as to generate heat or gas. Chemical action of contents is considered on container before selection of container. If any, special handling instructions are attached.
4. Animal carcasses: Radioactive carcasses are placed in waterproof polyethylene bags and held in freezer until burial. At burial time, carcasses are packaged in suitable container for handling and transportation.
5. All wastes are held in laboratory for yearly burial except in high useage areas the material is collected and held in isolated storage until burial.

**COPIES SENT TO
REGULATORY OPERATIONS**

~~SECRET~~

RECEIVED

1974 JUL 2 PM 1 20

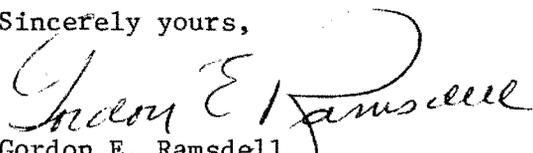
U. S. ATOMIC ENERGY COMM.
REGULATORY
MAIL SECTION

6. A record is kept of quantity and types of radioactive material disposed of.
7. The total amount of radioactive material put into any container must be controlled so that radiation level one foot from the container is less than 5 mrads/hr, and the radiation level at contact with any surface of the container is less than 200 mrad/hr.
8. Wastes are collected once yearly by radiation protection officer.

WORK AREA SURVEY

1. Work areas are surveyed twice daily during periods of use of radioisotopes.
2. Areas are surveyed by wipes of areas where radioisotopes are being used.
3. Levels of contamination of work areas shall not exceed 100 counts per minute as measured by a thin window Geiger counter of about 2 sq. in. flat plate area.

Sincerely yours,



Gordon E. Ramsdell
UMO Radiation Protection Officer

GER/mg

Approved:



Parker G. Cushman
Director, Physical Plant

