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ITEM 22

PROCEDURES AND PRECAUTIONS FOR USE OF RADIOACTIVE MATERIAL IN ANIMALS

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HEALTH PHYSICS  
WALTER REED ARMY MEDICAL CENTER  
Washington, D.C. 20012

HSWP-QHP  
MEMO #8

12 July 1979

PROCEDURES AND PRECAUTIONS  
FOR  
USE OF RADIOACTIVE MATERIALS IN ANIMALS

1. The following animals are used in radioisotope studies at Walter Reed Army Medical Center and supported activities: rats, mice, rabbits, hamsters, guinea pigs, dogs and sub-human primates.

2. Description of Animal Housing Facilities

a. Laboratory animals will be housed in the following locations or as specified in the appropriate radioactive materials authorization:

- (1) Fourth floor of WRAIR (Bldg 40)
- (2) First and second floors of the Randall Building (Bldg 500)
- (3) Fifth floor of AFIP (Bldg 54)
- (4) Laboratory suites on floors 1 and 2 of USAMRIID, Bldgs 1412 and 1425 at Ft. Detrick, MD.

b. Animal housing facilities shall be under the supervision of a military veterinarian. Animal rooms shall be used solely for the purpose of housing laboratory animals. Rooms shall be well ventilated and adequately lit.

c. Animal rooms housing animals containing radioactive materials shall be labeled with the appropriate warning signs. These rooms shall be approved for radioactive material use by the Radiation Control Committee.

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The Health Physics Office shall monitor these areas for radioactive contamination.

3. Instructions to Animal Caretakers for the Handling of Animals, Animal Wastes, and Carcasses and the Cleaning and Decontaminating of Animal Cages

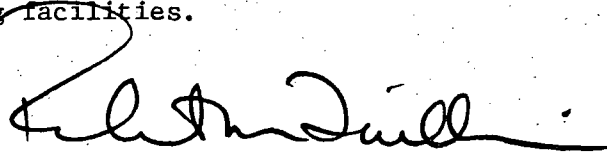
The "Instructions for Care and Disposal of Animals Containing Radioactive Materials" is attached as Annex A. Double bagging will be used.

4. Security Procedures

a. Animal housing facilities are restricted areas, off limits to all but authorized personnel.

b. During duty hours animal housing facilities shall be attended by authorized users of radioactive materials in animals, animal caretakers, and veterinary staff.

c. After duty hours buildings containing animal housing facilities shall be secured. Personnel shall be on duty through the night and weekends to maintain building security. Only persons duly authorized shall be permitted in the animal housing facilities.



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ANNEXES

- A - Instructions for Care and Disposal of Animals Containing Radioactive Materials
- B - Armed Forces Institute of Pathology  
SOP for Use of Radioisotopes in Laboratory Animals
- C - Walter Reed Army Institute of Research  
Regulation for Care and Housing of Laboratory Animals
- D - Procedure for Removal of Radioactive Carcasses from USAMRIID Biological Containmentment
- E - USAMRIID Animal Quality Assurance Program