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(29180)

UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

AUG 7 1972

Department of the Army
Fitzsimons General Hospital and
U.S. Army Medical Research &
Nutrition Laboratory
ATTN: Lt. Thomas Verdan, M. C.
Denver, Colorado 80240

Gentlemen:

Your submission dated June 19, 1972 requesting the use of a
kit to prepare technetium 99m labeled albumin microspheres (human) for
lung imaging should be supported with the information checked below:

- ☐ 1. The dosage range.
- ☐ 2. The manufacturer's name of the kit to be used to prepare the material.
- ☐ 3. Confirmation that the manufacturer's directions for use of the kit will be followed.
- ☐ 4. A description of radioassay procedures to be followed to assure 90% accuracy with respect to added technetium 99m and administered dose of rinsed microspheres.
- ☐ 5. Specification of the source of technetium 99m pertechnetate to be used with the kit.
- ☒ 6. A description of the methods used to control and evaluate radiation exposure to personnel during preparation of the pharmaceutical. In this regard, control and evaluation of hand exposure in the preparation of this radiopharmaceutical, as well as the preparation of other technetium 99m labeled pharmaceuticals, is of particular interest.
- ☐ 7. Confirmation that syringe and vial shields and accessories will be used in accordance with the manufacturer's recommendations.

Sincerely,

ORIGINAL SIGNED BY
JOHN E. BOWYER

John E. Bowyer
Materials Branch
Division of Materials Licensing

A/SO

8-7-73