



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

APR 8 1973

L:MB:JEB  
(05-00046-13)

Department of the Army  
ATTN: Charles E. White, LTC, MSC  
Fitzsimons General Hospital and  
U. S. Army Medical Research and  
Nutrition Laboratory  
Denver, Colorado 80240

Gentlemen:

Your application dated March 9, 73 requesting authorization to use a commercial kit to prepare Tc-99m labeled polyphosphates for bone imaging should be supported with the information checked below:

- ☒ 1. The planned 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. Specification of the source of Tc-99m pertechnetate to be used.
- ☒ 5. A description of the radi assay procedures to be followed to assure 90% accuracy.
- ☒ 6. A description of the methods used to control and evaluate radiation exposure to personnel during preparation, assay, and administration of the radiopharmaceutical.

Sincerely,

ORIGINAL SIGNED BY  
JOHN E. BOWYER

John E. Bowyer  
Materials Branch  
Directorate of Licensing

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