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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

July 16, 1975

Army Department
Department of Radiology
ATTN: Paul E. Sieber, Col, MC, Chief
Denver, Colorado 80340

Gentlemen:

Your application for amendment to Byproduct Material License No. 05-00046-13 should be supported with the following additional information:

- ☒ 1. Confirm that all patient doses will be assayed prior to administration and describe the assay procedures.
- ☐ 2. Confirm that syringe shields will be used for preparation and administration of patient doses.
- ☐ 3. Describe the methods by which you will measure the radiation dose to personnel during elution, kit preparation, and assay processes. You should describe the type of dosimeters used (film badge, TLD, etc.), and state whether or not they are designed specifically to be worn on the fingers or wrists.
- ☒ 4. Confirm that areas used for elution of Mo-99/Tc-99m generators, for preparation of radiopharmaceuticals from reagent kits, and for preparation of individual patient doses will be surveyed for contamination after each procedure and/or at the end of each working day.
- ☒ 5. Confirm that personnel who elute Mo-99/Tc-99m generators or prepare radiopharmaceuticals from reagent kits will monitor their hands and clothing for contamination after each procedure and that all personnel who prepare patient doses or work in areas used for elution of generators, preparation of radiopharmaceuticals, or preparation of individual patient doses will monitor their hands and clothing for contamination before leaving those areas.



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As you are aware, amendment to Section 35.100 of 10 CFR Part 35 will become effective January 13, 1975. This amendment will add several new groups to Schedule A of Section 35.100, including Group III for generators and reagent kits. Upon receipt of the above information, your request will be processed as an application for Group III and no further requests will be required for any item in that Group. Please refer to Control No. in your reply.

Sincerely,

Leo Wade, Jr.
Leo Wade, Jr., Ph.D.
Materials Branch
Division of Materials and
Fuel Cycle Facility Licensing