



St. Joseph Hospital

Material Licensing Section
Attn: B. S. Mallet, Ph.D.
Chief

USNRC Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

850422

RE: Control Number 77887

Gentlemen:

Thank you for your letter (undated) requesting information/clarification concerning our application for renewal of License No 21-01103-04.

- Item 1. Bioassays
We use only I-131 in capsule form, never liquid, and are willing to have that condition placed upon our license.
- Item 2. We have had little success in getting preceptor statements from the training programs for Drs. Chang, Cohen, Klosterman or Parillo. We will continue to pursue this but please do not hold up total license renewal for this item.
- Item 3. The areas of the laboratory which utilize radioactive materials are Chemistry and Microbiology. Only qualified laboratory personnel are allowed to perform testing and all materials are located in secure areas, away from other hospital employees and patients.

The Chemistry lab performs various 'in vitro' RIA studies, (ie. T₃, T₄, Digoxin, etc) in room A607. Isotopes utilized are I¹²⁵ and Co⁵⁷ and all technologists performing the tests are required to wear radiation safety badges. The test kits are stored in room A608 in refrigerator #4. Waste materials are disposed of in a designated 'hot' trash bin, where they are allowed to decay and are then incinerated. Work surfaces are periodically checked for contamination by a 'wipe test'.

The Microbiology lab performs 'in vitro' blood cultures in room A611. The Isotope utilized is C¹⁴. Test materials are stored in a secure storage room G624 directly below Microbiology. Waste materials are sterilized in room A610 and then sent for incineration.

See attached diagram.

Thank you.

Sincerely,

John R. Glover, Ph.D.
Radiation Safety Officer

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