

file

JUN 4 1985

Joseph S. Safko, M.D.
838 Market Street
P.O. Box 231
Zanesville, OH 43701

Gentlemen:

We have reviewed your letter and application dated November 19, 1984 requesting renewal of your NRC license and find that we will need additional information as follows:

Thyroid uptake can occur by breathing volatile iodine which is released when the cap is first removed from vials containing therapeutic liquid iodine-131. Personnel should be instructed to wear gloves and to open the vials in a fume hood or to take alternative precautionary measures.

A bioassay program should be established for personnel who handle therapeutic liquid iodine-131. As a minimum, thyroid counts should be obtained approximately twenty-four (24) hours after exposure. Refer to the enclosed bioassay guide.

Submit the precautionary measures and the bioassay procedures that you will follow.

Please describe your method of assaying patient doses. If you use a dose calibrator, please state the manufacturer, model number and method of calibration. Also, please confirm that patient doses which vary by more than 10% of the prescribed dose will not be used.

Please state the frequency which area surveys will be performed. The survey should include the storage area, dose preparation area and areas where radioactive material is administered to patients.

We will continue our review of your application upon receipt of this information. Please reply in duplicate, within 30 days, and refer to Control Number 77843.

Sincerely,

Original Signed By
James Mullauer
Materials Licensing Section

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REG3 LIC30
34-13165-01 PDR

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06/04/85