

JUN 12 1985

License No. 29-01600-02
Docket No. 030-02437
Control No. 18519

Elizabeth General Hospital
ATTN: Robert Platt
Vice President
925 East Jersey Street
Elizabeth, New Jersey 07201

Gentlemen:

This is in reference to your letter dated May 29, 1985 in response to our request for additional information. In order to continue our review, we need the following additional information:

1. Dose calibrator linearity tests must include the maximum activity that is assayed in the dose calibrator (i.e., the first elution from a new Tc-99m generator). Please confirm that the amount of 100 millicuries stated in your May 29, 1985 letter is equivalent to the maximum activity assayed. If you wish to reserve some of the eluate for patient studies, you may assay the total elution, then withdraw 50 percent of the volume and assay this fraction. After volume correction, this fraction should give a dose calibrator reading that equals 50 percent of the total eluate activity, plus or minus 5 percent. You may then continue the linearity test using this fraction of the total activity.

Please verify that your linearity test will assure linearity over the entire range of activities that are assayed in the dose calibrator.

We will continue our review upon receipt of this information. Please reply in duplicate to my attention at the Region I office and refer to Mail Control No. 18519.

Sincerely,

Original Signed By:
John E. Glenn

John E. Glenn, Ph.D., Chief
Nuclear Materials Safety Section B
Division of Radiation Safety
and Safeguards

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