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DEC 18 1970

Gen Roy, Chief
Enforcement Branch
Division of Compliance

FAULTY CALIBRATION DATA SUPPLIED BY TRACERLAB TO THE DEPARTMENT OF THE
ARMY, FITZSIMONS GENERAL HOSPITAL, LICENSE NO. 05-00046-13

The Tracerlab Model RA-1 sealed strontium 90 medical applicator possessed by Fitzsimons General Hospital and U. S. Army Medical Research and Nutrition Laboratory, Denver, Colorado, was originally assayed as a 25 millicurie source by the supplier. Recently, the strontium 90 medical applicator was returned for recalibration and reported to be a 50 millicurie source. Since accurate dose rate determinations are important in therapy, a discrepancy by a factor of 2 in the activity and hence the dose rate means that patients treated would have received double the necessary exposure. The Surgeon General's office has requested that the Commission look into the matter with Tracerlab. Pertinent information is attached.

RECEIVED BY
CLERK

Cecil R. Buchanan
Assistant Chief, Materials Branch
Division of Materials Licensing

Enclosure:
Appl. dtd. 11/12/70

bcc: St. Br. Dist.
DML

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