



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Division of Environmental Safety and Health

Bureau of Environmental Radiation

Radioactive Materials Section

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JON S. CORZINE
Governor

LISA P. JACKSON
Commissioner

October 3, 2006

Timothy Hogan
RIVERVIEW MEDICAL CENTER
1 Riverview Plz
Red Bank, New Jersey 07701

RECEIVED
REGION 1
2006 OCT 12 PM 1:02

Reference: RIVERVIEW MEDICAL CENTER
FACILITY ID # 70005/01
PROGRAM: Radiation
COMPLIANCE INSPECTION # SCI 060001

Dear Mr. Hogan:

SUBJECT: Inspection Report

This letter is in reference to the inspection conducted on September 27, 2006 by James McCullough of the Department of Environmental Protection's Bureau of Environmental Radiation of activities authorized by New Jersey State Radioactive Materials License NJSL-70005/01 and to the discussion of the inspection findings with Kelli Gendron, Kim A. Mazzei, Lynne Koller, Keunchul Lee, Chris Norton, Michael Cammarano and Charles Budris at the conclusion of the inspection.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and compliance with NJSA Title 26:2D the Radiation Protection Act, NJAC 7:28 the Radiation Protection Code and to conditions of your State Radioactive Materials License. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel and measurements and observations made by the inspector.

During the inspection, no items of non-compliance regarding the use of New Jersey licensed radioactive materials were disclosed. However, activities involving radioactive material not licensed by the State of New Jersey appeared not to be in full compliance with your facility's radiation safety program.

Specifically, a review of dose calibrator records indicated that linearity tests did not cover the entire range of activity of radiopharmaceutical therapy doses routinely utilized. It was noted that therapeutic doses up to 100 mCi of Iodine (I-131) are administered to patients. However,

the linearity tests of your dose calibrators only covered a range up to approximately 30 mCi. According to statements in your radioactive materials application dated September 27, 2001, the linearity test should be performed "using a vial or syringe of Tc-99m whose activity is at least as large as the maximum activity normally assayed in a prepared radiopharmaceutical kit, in a unit dosage syringe, or in a radiopharmaceutical therapy, whichever is largest." A properly functioning dose calibrator is important, especially when administering therapeutic radiopharmaceuticals such as Iodine (I-131). However, no violation will be issued due to the fact that the linearity test covered an adequate range regarding the State-regulated material administered at this facility.

No reply to this report is required. A copy of this letter is being forwarded to the United States Nuclear Regulatory Commission (NRC). If you should have any questions concerning this inspection or any related matter, please contact this office at (609) 984-5462.

Sincerely,



William P. Csaszar, License Administrator
Radioactive Materials Section

CC: NRC Region I