



## State of New Jersey

Department of Environmental Protection

Richard J. Codey  
Acting Governor

Bradley M. Campbell  
Commissioner

Division of Environmental Safety & Health  
Radiation Protection & Release Prevention Element  
Bureau of Environmental Radiation  
Radioactive Materials Section  
PO Box 415  
Trenton, NJ 08625-0415  
Phone (609)-984-5462  
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June 9, 2005

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RECEIVED  
SECTION 1

Terry L. Day  
OMNI Diagnostics, L.L.C.  
(Burlington County)  
700 Cinnaminson Avenue, Suite 208  
Palmyra, New Jersey 08065

Dear Mr. Day:

SUBJECT: Inspection Report

This letter is in reference to the inspection conducted on June 6, 2005 by James McCullough of the Department of Environmental Protection's Bureau of Environmental Radiation of activities authorized by New Jersey State Radioactive Materials License **20652/14** and to the discussion of the inspection findings with Ms. Philomena Decker 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.

NRC License  
Wayne V. Arnold, D.O.  
030 30949  
37-28333-01

The first item involved contaminated materials being included in a non-radioactive waste container. Specifically, radiation emanating 1 mR/hr from the outside surface of non-radioactive waste container in the camera room was found. This waste bin contained primarily paper coverings for the imaging table. No further contamination was detected on the imaging table or adjacent areas. Technetium (Tc-99m) is the only isotope used in liquid form at this facility and it is not regulated by the State of New Jersey. Although the technologist had not yet performed daily area surveys, there are several non-radioactive waste bins in the area and discussions indicated that this area could be overlooked. Therefore, the inspector recommended reviewing appropriate survey technique or amending the area survey form to specifically include each non-radioactive waste bin and other areas where contamination could be transferred by patients.

Additionally, a review of dose calibrator records indicated that the most recent linearity checks did not cover the entire range of activity routinely administered to patients.

Specifically, the highest activity routinely administered was approximately 28 to 30 mCi and the linearity test dated May 18, 2005 ranged from 23 mCi to below 30  $\mu$ Ci. This is inconsistent with the statements included in your radioactive materials application dated August 20, 2004. A properly functioning dose calibrator is important, especially when drawing doses from bulk technetium (Tc-99m). However, no violation will be issued due to the fact that no State-regulated material is 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 (US NRC). If you should have any questions concerning this inspection or any related matter, please contact this office at (609) 984-5462.

Sincerely,

A handwritten signature in black ink, appearing to read "William P. Csaszar".

William Csaszar, License Administrator  
Radioactive Materials Section

c: NRC Region I