

RADIMETRIX, INC.  
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Saint Paul, MN 55122  
(612) 452-4982

Sept. 22, 1982

D.G. Wiedeman, Chief  
Materials Radiation Protection  
Section 1  
U.S. N.R.C. Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

Re: Response to Notice of Violation, Lic.No.22-13859-01

(Metropolitan Medical Center, Minneapolis, MN)

Dear Mr. Wiedeman:

I have been asked to respond to the notice of violation (dated 9/3/82) contained in your letter to Ms. Braxton, dated 9/8/82. Referring to the items of noncompliance, as set forth in your document:

1. Permissible radiation levels in unrestricted areas...

A patient room adjacent to one occupied by a brachytherapy patient was found to have excessive radiation levels. This situation was corrected immediately (8/12/82) by vacating the room and preventing further use until the therapy was completed.

A policy has been instituted whereby the nursing staff will henceforth keep vacant the adjacent room for all brachytherapy patients until additional shielding and/or measurements verify that excessive levels are highly unlikely to occur. In any case, the radiation levels in the adjacent room will be measured for each brachytherapy case.

We believe, as of this date, we are in substantial compliance with applicable regulations on this point.

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2. Leaktesting of Cs-137 sealed source...

Nuclear medicine technologists have informed me that, as of this date, a program of leaktesting the Cs-137 constancy check source at intervals not in excess of 6 months has been instituted. The test is basically a wiping of the source container followed by counting the wipe in a well type scintillation counter capable of detecting 0.005 uCi Cs-137. Records are being kept for commission inspection.

3. Dose calibrator surveillance...

Nuclear medicine technologists have indicated to me that a program of daily constancy checks, quarterly linearity checks and annual accuracy tests has been implemented. As of this date, a linearity test has been performed and daily constancy checks have been logged also. Arrangements for receipt of reference standards covering three energy ranges from the local radiopharmacy have been made. Pending receipt of certain plug-in 'modules' (ordered) these standards will be read and the results recorded for commission inspection.

4. Daily surveys...

The nuclear medicine technologists have informed me their policy, as of this date, has been enlarged to require daily survey of all elution, preparation and injection areas. These data are currently being logged for commission inspection.

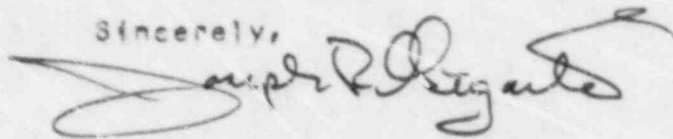
5. Defacement of Radiation shipping labels...

The Radiation Safety Committee has distributed a memo to affected persons and departments (a copy of which has been previously sent to Mr. Lynch) in which it is required that radiation labels and tags be defaced prior to disposal of the shipping container or package. As of this date, this policy is in effect.

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I believe this response addresses adequately all items of non-compliance detailed in your letter to Ms. Braxton. If clarification is needed please have a copy of correspondence sent to me.

Sincerely,

A handwritten signature in cursive script, appearing to read "Joseph R. Giganti".

Joseph R. Giganti, Ph.D.  
R.S.D., Metropolitan Medical Ctr.

copy: J. Braxton  
D. Johnson  
G. Anderson  
M. Azad

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