

CENTRAL MEDICAL CENTER & HOSPITAL

1200 Centre Avenue, Pittsburgh, PA 15219

(412) 562-3000

November 14, 1990

License No. 37-16245-01

Mohames M. Shanbaky, Chief
Nuclear Material Safety Section A
Division of Radiation Safety and Safeguards
Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

Dear Mr. Shanbaky,

Subject: Routine Inspection No. 030-10565/90-001

In response to your letter dated October 23, 1990 delineating areas of non-compliance found during the inspection conducted by Lester M. Tripp on September 21, 1990 the following corrective measures have been taken:

1. Item #7 of the application dated May 18, 1984 requires, in part, that the Medical Isotopes Committee meet at least once per calendar quarter.

Contrary to the above, as of September 21, 1990, the Medical Isotopes Committee met in March, 1990 and has not met since that time, a frequency greater than once per calendar quarter.

Correction: The Medical Isotopes Committee met on September 27, 1990 and agreed upon the following corrective action:

Quarterly Meetings had been scheduled but had to be canceled because the Radiation Safety Officer was unable to attend. If meetings have to be canceled in the future, then a new meeting date will immediately be set so that committee members will be notified of the new date of the meeting at the same time they are notified of the cancellation of the previously set meeting date.

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2. Item #5 of the letter dated November 7, 1984, requires that the dose calibrator be calibrated in accordance with Regulatory Guide 10.8, Revision 1, Appendix D.

Appendix D to Regulatory Guide 10.8, Revision 1 requires that geometrical variation of the dose calibrator be determined at the time of installation of the dose calibrator.

Contrary to the above, as of September 21, 1990, the geometrical variation of the dose calibrator had not been determined.

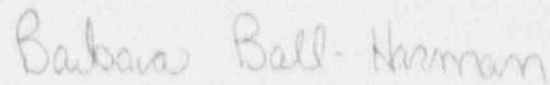
Correction: On November 8, 1990 the Geometry of the Dose calibrator was calibrated by Senior Nuclear Technologist, Dennis Jenkins with the assistance of our Radiation Physicist, Krishnadas Banerjee, Ph.D. Please see the enclosed chart.

We believe that the above outlined steps have corrected the noted violations. If you have any questions or concerns you may reach Robin by calling (412) 562-3315 or Barbara at (412) 562-3110.

Sincerely,



Robin Z. Mohr
Executive Vice President



Barbara Ball-Harman, B.A., R.T.
Administrative Technologist

Enclosure



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GEOMETRY OF DOSECALIBRATOR

MODEL NUMBER CRC-10R SERIAL NUMBER 10662

DATE PERFORMED November 8, 1990 PERFORMED BY Dennis Jenkins, R.T.

dj

VOLUME OF ELUATE	MEASURED ACTIVITY
0.5 cc	29.3 mCi
1.0 cc	29.0 mCi
1.5 cc	28.9 mCi
2.0 cc	28.9 mCi
2.5 cc	28.9 mCi
3.0 cc	28.8 mCi
3.5 cc	28.7 mCi
4.0 cc	28.6 mCi
4.5 cc	28.5 mCi
5.0 cc	28.5 mCi

The ratio of the maximum measured activity to the minimum measured activity is 29.3 divided by 28.5 equal to 1.028 .

That is a 2.8% variation, therefore no correction is necessary.