



Woodland Medical Group, P.C.

USNRC  
Region III  
799 Roosevelt Road  
Glen Ellyn, Illinois

License No. 21-13255-01  
10/13/80

Attention: A.B. Davis

Dear Mr. Davis:

In response to your letter dated September 24 and received September 26 of this year, we submit the following statement:

1. Regarding item #1. We release at a maximum 200 uCi of I-125 per month. Our water flow is approximately  $1.7 \times 10^5$  ft<sup>3</sup> per month or  $4.8 \times 10^6$  cm<sup>3</sup> per month. This yields a monthly concentration of  $4.17 \times 10^{-8}$  uCi/ml. The permissible concentration is  $2 \times 10^{-7}$  uCi/ml. Thus, we are in compliance. This problem had been discussed with our physics consultant and, although not recorded, we had estimated that we were in compliance. The water flow used above is conservative and can be taken as a good average flow. If we have a significant change in activities disposed of, we will recalculate the concentrations to ensure compliance.
2. Regarding item #2. Our Cs-137 source was leak tested on 2/25/80. We have the records on file. Our copy was not available at the visit. We have obtained a duplicate copy from our physicist. The source was also leak tested on 9/12/80. We have a record of this swipe on-file. In both cases no contamination was found. We will continue to swipe as required in our license.
3. Regarding item #3. A linearity check has been performed and will be performed in the future as required by our license.
4. Regarding item #4. G.M. surveys are being performed weekly in the Nuclear Medicine camera room and monthly in the RIA laboratory using the survey meters listed in our license application. These swipes will be performed in the future as required by our license.
5. Regarding item #5. I-125 waste from the RIA laboratory is being surveyed and will be surveyed in the future as required by our license. Specifically, the waste will be surveyed and not disposed of until the G.M. survey meter reads at background levels. Results will be recorded for inspection.

Full compliance with the above will be achieved as of the date of this communication.

Sincerely,

*Barry J. Samuels, M.D.*

Barry Samuels, M.D.  
Woodland Medical Group

*H/30*

OCT 20 1980