

# BIOMEDICAL DIAGNOSTIC SERVICES

Diagnostic Radiology  
Nuclear Scans  
Cardiac Testing  
Ultrasound  
Pulmonary Function  
EEG—EMG

3270 W. BIG BEAVER RD. • SUITE 115 • TROY, MICHIGAN 48084  
(313) 649-4449

Melvin A. Lester, M.D.  
Director

April 13, 1981

*2nd Response:  
Same ltr but w/  
affirmation attached*

D. J. Sreniawski  
Acting Chief  
Materials Radiation Protection, Section 2  
U. S. Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

Re: Response - Notice of Violation

Dear Mr. Sreniawski:

The following is in response to your letter dated 3/26/81 which outlined the results of a routine safety inspection conducted in our Nuclear Medicine Section under Materials License No. 21-17122-01. Our response to this Notice of Violation will follow the outline of Appendix A of your letter pursuant to 10 CFR 2.201 as follows:

- 1) Daily constancy checks of our dose calibrator were initiated on 3/10/81 and our results have noted a consistency of precision of  $\pm 5\%$ . Dose calibrator linearity was tested on 3/12/81 and linearity was within  $\pm 5\%$  of true linear response. We confirm that the daily constancy check is now a regular daily routine of our Nuclear Medicine Section and our dose calibrator will be tested for linearity on a quarterly schedule.
- 2) A semiannual test for leakage of our Cesium-137 calibration source was initiated on 2/25/81 and results indicated no leakage at that time ( $3 \times 10^{-6}$  uCi). We confirm that this test for leakage will be performed on a semiannual basis.
- 3) Daily GM radiation area surveys were initiated on 3/11/81 and weekly wipe tests for contamination on 3/13/81. Results of both thus far have indicated no contamination. We confirm that radiation area surveys will be conducted daily and wipe tests performed on a weekly basis.

If you have any questions, please contact me.

Sincerely,

*Shirley V. Bosley*  
Shirley V. Bosley  
Assistant Administrator

I affirm the above statements are true.

*Shirley V. Bosley* 5-11-81  
Shirley Bosley, Assistant Administrator

SVB/l dj  
enc.

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MAY 13 1981