

June 20, 1989

Docket Nos. 030-30284  
030-30285

License Nos. 20-28122-01  
20-28122-02G

Mr. John D. Kinneman  
Nuclear Materials Safety Section B  
Division of Radiation Safety and Safeguards  
United States Nuclear Regulatory Commission  
Region 1  
475 Allendale Road  
King of Prussia, Pennsylvania 19406

Subject: Routine Inspection No. 89-001

Mr. Kinneman:

In reference to the inspection conducted at our facility by C. T. Oberg from your office please note the following:

APPENDIX A - SECTION A

Even though the instrument had not been recalibrated in several months it should be noted that its efficiency has remained essentially unchanged from previous calibrations thus we believe that we were in fact performing effective surveys during the period in which the instrument should have been calibrated. We have implemented management control procedures to insure that survey instruments in the future will be regularly calibrated at 6 month intervals.

APPENDIX A - SECTION B

As regards this item we have also implemented new procedures to convert the counts per minute from our thyroid bioassay to nanocuries. Nuclear Instrument Co. of Rockland, Ma. has been contracted to build us a neck phantom to more accurately determine the efficiency of our Model 177 for thyroid bioassay and at 6/month intervals, to determine its efficiency in nanocuries. This procedure will be in place by September

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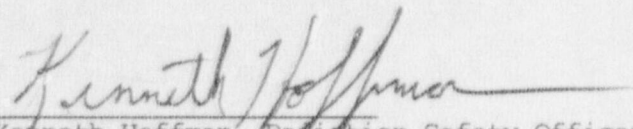
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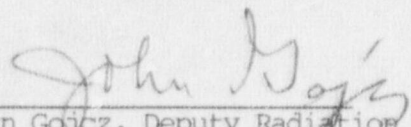
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1, 1989. In the interim we will continue to perform thyroid bioassay using the Model 177 and the same conversion factor of cpm to nanocuries as had been earlier determined for our procedure. We believe this to be a sensitive procedure which when the results are reviewed by the Deputy RSO will insure adequate monitoring of our personnel.

Please accept our apology for responding beyond thirty days from the stamp on your letter but we received our copy almost 3 weeks after that.

If you have any further question please do not hesitate to contact either of us.

  
Kenneth Hoffman, Radiation Safety Officer

  
John Gajcz, Deputy Radiation Safety Officer

273 Weymouth Street  
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*Marie G.*

VITEK SYSTEMS

