

**From:** <Gary.Williams3@med.va.gov>  
**To:** <JXD2@nrc.gov>  
**Date:** 3/13/01 1:13PM  
**Subject:** FW: deficiency letter by telephone

Jose,

Please accept this e-mail as the Atlanta response to the issues you raised about bioassay.

Gary E. Williams

> -----Original Message-----

> From: Phillips, Roland  
> Sent: Tuesday, March 13, 2001 11:22 AM  
> To: Williams, Gary E  
> Subject: RE: deficiency letter by telephone

>

> Gary,

>

> The VAMC-Atlanta will commit to Option 2 and Option 3 for bioassay for  
> research workers using radioiodine. We may, however, in addition also  
> perform the nasal wipe tests on a voluntary basis.

>

> Please let me know if you have additional questions.

>

> T. Roland Phillips, RSO

> -----Original Message-----

> From: Williams, Gary E  
> Sent: Tuesday, March 13, 2001 11:45 AM  
> To: Phillips, Roland  
> Subject: deficiency letter by telephone  
> Importance: High

>

> Roland,

>

> This is a deficiency letter based on a telephone conversation by me with  
> Jose Diaz today.

>

> NRC does not accept the proposed bioassay procedure that you submitted.

>

> NRC offered three options for bioassay for workers doing the research  
> procedures.

>

> Option 1 is to provide more data to justify the proposed bioassay  
> procedure. You would need scientific data on the collection efficiency in  
> the NP compartment for the materials being used.

>

> Option 2 is to commit to using less than 1 mC amounts for the labeling  
> procedure. This option does not require bioassays.

>

> Option 3 is to commit to doing bioassays for any workers involved in a  
> procedure that used 1 mC or more amounts of iodine. The bioassay  
> procedure would require a thyroid uptake probe be used to count the

- > workers' thyroid within 24 to 72 hours after the research procedure was
- > completed.
- >
- > Both options 2 and 3 may be selected.
- >
- > Please let me know if you have any questions.
- >
- > Gary E. Williams
- > Veterans Health Administration
- > National Health Physics Program
- > (501) 257-1572
- >

**CC:** <Roland.Phillips@med.va.gov>