

# CIL

## CAMBRIDGE ISOTOPE LABORATORIES

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June 27, 1985

United States Nuclear Regulatory Commission  
Region 1  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

ATTN: John D. Kinneman, Chief  
Nuclear Materials Safety Section A,  
Div. of Radiation Safety and Safeguards

SUBJECT: Inspection Report No. 030-20763/85-01

Dear Sirs:

I am writing in response to the described inspection, and your letter of May 30, 1985. Accordingly, we have taken the appropriate corrective steps as follows:

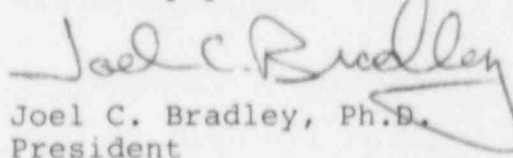
1) Contamination surveys and tritium urinalysis assays performed by our consultant Radiation Safety Engineer, Mr. Murray Bolton, in May of 1985. The results are enclosed.

2) We have now instituted a formal schedule for contamination surveys and urinalysis, to be performed on the 15th of the months of May, August, November, and February by Mr. Bolton. We will bear the primary responsibility for instituting these checks. However, in the event that we do not contact him within 10 days of the dates mentioned, Mr. Bolton has instructions to contact us and schedule a complete survey and count analysis.

3) These procedures are now in operation as of the date of this letter, and therefore, full compliance is now in effect.

If you have any other questions or comments, please get back in touch with us.

Sincerely yours,

  
Joel C. Bradley, Ph.D.  
President

JCB/et

Enc.

cc: Mr. Labelle  
Dr. Cutting  
Mr. Bolton

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**BOLTON & GALANEK, INC.**  
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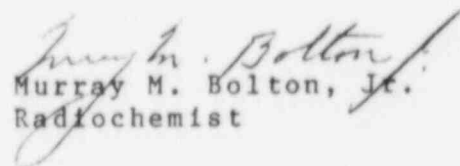
Cambridge Isotope Laboratories  
20 Commerce Way  
Woburn, MA 01801

Attention: Dr. Joel C. Bradley, Ph.D.

The following results were obtained from the  $^3\text{H}$  analysis on the wipe test samples and urine specimen submitted to this laboratory:

<u>Sample ID</u>	<u>Date</u>	<u><math>^3\text{H}</math> Results</u>
Hood wipe #1	5/6/85	<10 dpm/100cm <sup>2</sup>
Hood wipe #2	5/6/85	<10 dpm/100cm <sup>2</sup>
Hood wipe #3	5/6/85	<10 dpm/100cm <sup>2</sup>
G. Labelle (Urine Specimen)	5/6/85	<0.02 uCi/liter

The above samples were analyzed using a liquid scintillation counter that is calibrated with an NBS traceable tritium standard.

  
Murray M. Bolton, Jr.  
Radiochemist

NOTE: G. Labelle was the only person working with the low level tritiated gas during this period.

SCB