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May 9, 1977

Dr. Robert A. Conard
Senior Scientist
Medical Research Center
Brookhaven National Laboratory
Upton, New York 11973

Dear Bob:

As I promised in my last letter, the Pu-239,240 bioassay results for the urine samples of Drs. Berg and D'Elia have finally been completed. Each of these samples was spiked with a small amount of Pu-242 in order to determine plating and chemical recoveries. For Dr. Berg, the final result was 0.001 ± 0.004 dpm/l and for Dr. D'Elia as 0.025 ± 0.023 dpm/l. As you can see, both values can be considered zero, results which are not surprising considering external counting data and length of exposure.

Americium-241 was not measured in these samples as it involved some additional chemistry and it was assumed that Pu-239 would be the nuclide of interest and present in the greatest amount.

I hope this information has been of help to your studies.

Very truly yours,

Norman Cohen, Ph.D.
Assistant Professor

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