

## WASHINGTON UNIVERSITY



ST. LOUIS, MISSOURI 63110

SCHOOL OF DENTISTRY  
4559 SCOTT AVENUE

June 4, 1971

The Honorable John O. Pastore  
Chairman  
Joint Committee on Atomic Energy  
The Capitol  
Washington, D. C. 20515

Dear Mr. Pastore:

For the past twenty-five years I have been critical of the unwarranted activities of AEC - an agency which cannot act for the Public in a regulatory fashion while being the sole agency to foster the use of atomic energy. More recently my concern with the contamination of our environment by radionuclides, resulting from my work with the Baby Tooth Survey, has indicated to me the necessity to stop all testing of nuclear devices until such time when we will understand all of the implications of radiation hazards to human welfare. My studies concerning the accumulation of Strontium-90 into the teeth and bones of children resulting from the bomb testing program of Russia and the United States indicates that marked contamination of our environment will continue for more than one hundred years. Even continuous small leakage will only increase the levels of environmental contamination already present. This contamination, on top of the natural radiation, can only serve to increase the rate of mutation in man, animals and plants with deleterious results.

Under these conditions, I can only hope that you will be instrumental to activate hearings on the subject of nuclear safety as soon as possible. I hope that a moratorium can be established until such hearings are complete and our knowledge of radiation effects are thoroughly understood.

Thank you very much for your consideration of this matter, and if I can be of any service to you in this regard, I will be honored to do so.

Yours respectfully,

A handwritten signature in cursive script, appearing to read "Harold L. Rosenthal".

Harold L. Rosenthal, Ph.D.  
Professor of Physiological Chemistry

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