

MAR 6 1978

Dr. Thomas Mancuso
University of Pittsburgh
Graduate School of Public Health
130 DeSoto Street
Pittsburgh, Pennsylvania 15261

Dear Dr. Mancuso:

As a radiobiologist with the Nuclear Regulatory Commission, Office of Standards Development, I am greatly interested in your work regarding radiation exposures of Hanford employees dying from cancer.

I am, however, having some difficulty in interpreting Table 16 of your recent Health Physics paper, and would greatly appreciate it if you could provide some clarification in this regard. Specifically, I can't determine what method you employed to calculate relative risk estimates (utilizing the U.S. vital statistics for deaths of white males, 1960) from which I presume the doubling doses were derived. I am particularly interested in any application of an assumed risk plateau to calculate total cancer deaths from a cancer death rate. Feel free to call me collect on 301-443-6900 if it would be more convenient. Thank you.

Sincerely,

Stephen Whitfield
Environmental Standards Branch
Office of Standards Development

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