



ADVISORY BOARD ON RADIATION AND WORKER HEALTH

4676 Columbia Parkway, MS: C-46
Cincinnati, Ohio 45226
(513) 533-6825

April 30, 2008

RECEIVED NIOSH-00
2008 MAY -2 P 3:44

CHAIRMAN:

Paul L. Ziemer, Ph.D.
Lafayette, Indiana

MEMBERS:

Josie Beach
Richland, Washington

Bradley P. Clawson
Rexburg, Idaho

Michael H. Gibson
Franklin, Ohio

Mark A. Griffon
Salem, New Hampshire

James E. Lockey, M.D.
Cincinnati, Ohio

James M. Melius, M.D., Ph.D.
Albany, New York

Wanda I. Munn
Richland, Washington

John W. Poston, Sr., Ph.D.
College Station, Texas

Robert W. Presley
Clinton, Tennessee

Genevieve S. Roessler, Ph.D.
Elysian, Minnesota

Phillip Schofield
Bosque Farm, New Mexico

STAFF:

EXECUTIVE SECRETARY:

Christine M. Branch, Ph.D.
Washington, DC

COMMITTEE MANAGEMENT:

Zaida Burgos
Atlanta, Georgia

The Honorable Michael O. Leavitt
Secretary of Health and Human Services
Department of Health and Human Services
200 Independence Avenue, S.W.
Washington, DC 20201

Dear Mr. Secretary:

The Advisory Board on Radiation and Worker Health (The Board) has evaluated SEC Petition-00094 concerning workers at the Horizons, Inc. facility in Cleveland, Ohio under the statutory requirements established by EEOICPA and incorporated into 42 CFR Sec. 83.13. The Board respectfully recommends Special Exposure Cohort (SEC) status be accorded to all AWE employees who worked at the Horizons, Inc. facility in Cleveland, Ohio from January 1, 1952 through December 31, 1956 for a number of work days aggregating at least 250 work days occurring either solely under this employment or in combination with work days within the parameters established for one or more other classes of employees in the SEC. The Board notes that although NIOSH found that they were unable to completely reconstruct radiation doses for these employees for January 1, 1952 through December 31, 1956, they believe that they are able to reconstruct the external radiation doses and the occupational medical dose during the time period in question. NIOSH also believes that they can also reconstruct individual doses during the residual period (January 1, 1957 to July 31, 2006).

This recommendation is based on the following factors:

- The Horizons, Inc. facility was involved in early research and development work for the manufacture of atomic weapons.
- NIOSH was unable to locate sufficient monitoring data or information on radiological operations at this facility in order to be able to complete accurate individual dose reconstructions involving internal exposures to thorium and thorium progeny

for the time period from January 1, 1952 through December 31, 1956 throughout the time period that the facility operated. The Board concurs with this conclusion.

- NIOSH determined that health may have been endangered for the workers exposed to radiation at the Horizons, Inc. facility in Cleveland, Ohio during the time period in question. The Board concurs with this determination.

Enclosed is supporting documentation from the recent Advisory Board Meeting held in Tampa, Florida where this special exposure cohort class was discussed. If any of these items are unavailable at this time, they will follow shortly.

Sincerely,

A handwritten signature in blue ink that reads "Paul L. Ziemer". The signature is written in a cursive, flowing style.

Paul L. Ziemer, Ph.D.
Chairman

Enc.