



## ADVISORY BOARD ON RADIATION AND WORKER HEALTH

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June 9, 2014

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The Honorable Sylvia M. Burwell  
Secretary  
Department of Health and Human Services  
200 Independence Avenue, S.W.  
Washington, D.C. 20201

Dear Madam Secretary:

The Advisory Board on Radiation and Worker Health (The Board) has evaluated Special Exposure Cohort (SEC) Petition 00195 concerning workers at the facility owned by Nuclear Metals, Inc. (or a subsequent owner) in West Concord, Massachusetts, under the statutory requirements established by the Energy Employees Occupational Illness Compensation Program Act of 2000 and incorporated into 42 C.F.R. § 83.13.

The Board respectfully recommends that SEC status be accorded to:

"All Atomic Weapons Employees who worked at the facility owned by Nuclear Metals, Inc. (or a subsequent owner) in West Concord, Massachusetts, during the period from January 1, 1980, through December 31, 1990, 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 included in the Special Exposure Cohort."

This recommendation is based on the following factors:

- Individuals employed at this facility in West Concord, Massachusetts, during the time period in question worked on research and production for materials used in the production of nuclear weapons.
- The National Institute for Occupational Safety and Health (NIOSH) review of available monitoring data, as well as available process and source term information for this facility found that NIOSH lacked the sufficient information necessary to complete individual dose reconstructions with sufficient accuracy for internal radiological exposures to thorium and thorium progeny to which these workers may have been subjected during the time period in question. The Board concurs with this determination.
- NIOSH determined that health may have been endangered for employees at this facility during the time period in question. The Board also concurs with this determination.

Based on these considerations and the discussion at the April 29, 2014, Board meeting held in Augusta, Georgia, the Board recommends that this class be added to the SEC.

Enclosed is the documentation from the Board meeting(s) where this proposed SEC class was discussed. The documentation includes copies of the petition, the NIOSH review thereof, and related materials. If any of these items are unavailable at this time, they will follow shortly.

Sincerely,

[Signature on File]

James M. Melius, M.D., Dr. PH.  
Chairman, ABRWH

Enclosure