



## ADVISORY BOARD ON RADIATION AND WORKER HEALTH

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March 5, 2010

The Honorable Kathleen Sebelius  
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 SEC Petition-00163 concerning workers at the Lawrence Livermore National Laboratory (LLNL) in Livermore, California under the statutory requirements established by EEOICPA and incorporated into 42 CFR Sec. 83.14. The Board respectfully recommends Special Exposure Cohort (SEC) status be accorded to all employees of the Department of Energy, its predecessor agencies, and their contractors or subcontractors who worked at the Lawrence Livermore National Laboratory in Livermore, California from January 1, 1950 through December 31, 1973, 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 Special Exposure Cohort.

This recommendation is based on the following factors:

- Individuals working at LLNL during the time period in question worked on research and production activities related to nuclear weapons production.
- The NIOSH review of available monitoring data as well as available source term information found that NIOSH lacked adequate information necessary to conduct accurate individual dose reconstructions for internal doses from exposures to mixed fission and activation products during the time period in question. The Board concurs with this determination.
- NIOSH determined that health may have been endangered for these LLNL facility workers. The Board concurs with this determination.

Based on these considerations and the discussions held at our February 9-11, 2010 Advisory Board meeting in Manhattan Beach, California, the Board recommends that this SEC petition be granted.

Enclosed is the documentation from the Board meeting(s) where this SEC class was discussed. The documentation includes transcripts of the deliberations, 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