



## ADVISORY BOARD ON RADIATION AND WORKER HEALTH

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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-00108 concerning workers at the Nuclear Materials and Equipment Corporation (NUMEC) facility in Parks Township, Pennsylvania under the statutory requirements established by EEOICPA and incorporated into 42 CFR Sec. 83.13 and 42 CFR Sec. 83.14. The Board respectfully recommends Special Exposure Cohort (SEC) status be accorded to all employees who worked in the Nuclear Materials and Equipment Corporation (NUMEC) facility in Parks Township, Pennsylvania from June 1, 1960 through December 31, 1980 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, they believe that they are able to reconstruct portions of the external radiation doses and the occupational medical dose.

This recommendation is based on the following factors:

- The NUMEC Parks Township facility was involved in early research, development, and production of plutonium and uranium-based products for the nuclear industry.
- NIOSH was unable to locate sufficient monitoring data or information on radiological operations at these laboratories in order to be able to complete accurate individual dose reconstructions involving internal exposures during the time period in question. The Board concurs with this conclusion.

- NIOSH determined that health may have been endangered for the workers exposed to radiation at the NUMEC facility in Parks Township, Pennsylvania 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,



Paul L. Ziemer, Ph.D.  
Chairman

Enc.